



## PTN21 Polyclonal Antibody

cycle, and oncogenic transformation. This PTP contains an N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, ezrin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of		
ReactivityHuman;Mouse;RatApplicationsWB;ELISAGene NamePTPN21 PTPD1Protein NameTyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase D1)ImmunogenSynthesized peptide derived from part region of human proteinSpecificityPTN21 Polyclonal Antibody detects endogenous levels of protein.FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000 ELISA 1:5000-20000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonyms	Catalog No	BYab-07827
Applications  WB;ELISA    Gene Name  PTPN21 PTPD1    Protein Name  Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase D1)    Immunogen  Synthesized peptide derived from part region of human protein    Specificity  PTN21 Polyclonal Antibody detects endogenous levels of protein.    Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.    Source  Polyclonal, Rabbit,IgG    Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  catalytic activity:Protein tyrosine phosphatase family. Non-receptor class subfamily, similarity. Contains 1 tyrosine + phosphatase family. Non-receptor class subfamily. Similarly the growth, differentiation, mti    Background  The protein encoded by this gene is a member of the protein tyrosine + phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mti receptor class an M-terminal domain similar to cytoskeletal- associated protein is inc	Isotype	IgG
Gene Name    PTPN21 PTPD1      Protein Name    Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-Tyrosine phosphatase D1)      Immunogen    Synthesized peptide derived from part region of human protein      Specificity    PTN21 Polyclonal Antibody detects endogenous levels of protein.      Formulation    Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.      Source    Polyclonal, Rabbit,IgG      Purification    The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.      Dilution    WB 1:500-2000 ELISA 1:5000-20000      Concentration    1 mg/ml      Purity    ≥90%      Storage Stability    -20°C/1 year      Synonyms    Cytoplasm, cytoskeleton .      Tissue Specificity    Skeletal muscle,      Function    catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate, similarity:Gelongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily, similarity:Contains 1 FERM domain., s	Reactivity	Human;Mouse;Rat
Protein Name  Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase D1)    Immunogen  Synthesized peptide derived from part region of human protein    Specificity  PTN21 Polyclonal Antibody detects endogenous levels of protein.    Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.    Source  Polyclonal, Rabbit, IgG    Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  Cytoplasm, cytoskeleton .    Cell Pathway  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate, similarity:Contains 1 PERM    Momainsimilarity:Contains 1 tyrosine protein proseine protein synsing milder: Contains 1 PERM  Momain, Similarity:Contains 1 PERM    Background  The protein encoded by this gene is a member of the protein tyrosine phosphatase (TPI) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including band 4.1, ezrin, merlin, ar radixin, This PTP was shown to se signaling molecules that membe	Applications	WB;ELISA
Immunogen  Synthesized peptide derived from part region of human protein    Specificity  PTN21 Polyclonal Antibody detects endogenous levels of protein.    Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.    Source  Polyclonal, Rabbit, IgG    Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  -20°C/1 year    Observed Band  129kD    Cell Pathway  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  Catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate, similarity:Belongs to the protein-tyrosine phosphatase family, Non-receptor class subfamily, similarity:Contains 1 FERM domain, similarity.Contains 1 FERM domain, similarity.Contains 1 FERM domain, Similarity.Contains 1 FERM domain, Similarity of cellular processes including cell growth, differentiation, mit cycles, end oncogenic transformation. This PTP contains an N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, ezrin, mertin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of the sprotein tyrosine and the syntemical domain similar to cytoskeletal- associated proteins including band 4.1,	Gene Name	PTPN21 PTPD1
Specificity  PTN21 Polyclonal Antibody detects endogenous levels of protein.    Formulation  Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.    Source  Polyclonal, Rabbit,IgG    Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms	Protein Name	Tyrosine-protein phosphatase non-receptor type 21 (EC 3.1.3.48) (Protein-tyrosine phosphatase D1)
FormulationLiquid in PBS containing 50% glycerol, and 0.02% sodium azide.SourcePolyclonal, Rabbit,IgGPurificationThe antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.DilutionWB 1:500-2000 ELISA 1:5000-20000Concentration1 mg/mlPurity≥90%Storage Stability-20°C/1 yearSynonymsCytoplasm, cytoskeleton .Cell PathwayCytoplasm, cytoskeleton .Tissue SpecificitySkeletal muscle,FunctionCatalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate, similarity:Belongs to the protein-tyrosine phosphatese family. Non-receptor class subfamily, similarity:Contains 1 FERM domain, similarity:Contains 1 tyrosine protein tyrosine phosphatase domain.,BackgroundThe protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including eal growth, differentiation, mit cycle, and oncogenic transformation. This PTP contains an N-terminal domain similar ty:Domain Striker NP was shown to be signaling molecules that regulate a variety of cellular processes including band 4.1, ezrin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of the protein tyrosine phosphatase (PTP) family. PTP sare known to the signaling molecules that regulate a variety of cellular processes including band 4.1, ezrin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of the protein tyrosine phosphatase (PTP) family. PTP sare known to the signaling molecules that regulate a variety of cellular processes including band 4.1, e	Immunogen	Synthesized peptide derived from part region of human protein
Source  Polyclonal, Rabbit,IgG    Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  -20°C/1 year    Observed Band  129kD    Cell Pathway  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphatase family. Non-receptor class subfamilysimilarity:Contains 1 FERM domainsimilarity:Contains 1 FERM domainshown to be signaling molecules that regulate a variety of cellular processes including cell growth	Specificity	PTN21 Polyclonal Antibody detects endogenous levels of protein.
Purification  The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.    Dilution  WB 1:500-2000 ELISA 1:5000-20000    Concentration  1 mg/ml    Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  -20°C/1 year    Observed Band  129kD    Cell Pathway  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate, similarity:Gontains 1 FERM domain., similarity:Contains 1 tyrosine-protein phosphatase domain.,    Background  The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mit cycle, and oncogenic transformation. This PTP contains an N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, errin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of the protain san N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, errin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK.	Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
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Purity  ≥90%    Storage Stability  -20°C/1 year    Synonyms  -20°C/1 year    Observed Band  129kD    Cell Pathway  Cytoplasm, cytoskeleton .    Tissue Specificity  Skeletal muscle,    Function  catalytic activity:Protein tyrosine phosphate + H(2)O = protein tyrosine + phosphate.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily.,similarity:Contains 1 FERM domain.,similarity:Contains 1 FERM domain., Similarity:Contains 1 FERM domain., Similarity:Contains 1 FERM domain., Similarity:Contains 1 the protein tyrosine phosphatase domain.,    Background  The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mit cycle, and oncogenic transformation. This PTP contains an N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, ezrin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of the protein tyrosine phosphatase (PTP) family.	Dilution	WB 1:500-2000 ELISA 1:5000-20000
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phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mit cycle, and oncogenic transformation. This PTP contains an N-terminal domain similar to cytoskeletal- associated proteins including band 4.1, ezrin, merlin, ar radixin. This PTP was shown to specially interact with BMX/ETK, a member of	Function	phosphate.,similarity:Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily.,similarity:Contains 1 FERM
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	PH, SH3, and SH2 domains. The interaction of this PTP with BMX kinase was found to increase the activation of STAT3, but not STAT2 kinase. Studies of the similar gene in mice suggested the possible roles of this PTP in liver regeneration and spermatogenesis. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images** 

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