



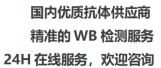
## IL-4I1 Polyclonal Antibody

macrophages and inflammatory myeloid cells and antigen-presenting cells (at protein level) (PubMed:17356132). Also present in spermatozoa (at protein level) (PubMed:25767141). Highly expressed in primary mediastinal large B-cell lymphoma, a specific subtype of diffuse large B-cell lymphoma (PubMed:12446450). Expressed by neoplastic cells of several B-cell lymphomas and by tumor-associated macrophages (PubMed:19436310).  Function  Function  catalytic activity:An L-amino acid + H(2)O + O(2) = a 2-oxo acid + NH(3) + H(2)O(2).,cofactor:FAD.,function:Lysosomal L-amino-acid oxidase with highest specific activity with phenylalanine. May play a role in lysosomal antigen		
Reactivity Human;Rat;Mouse;  Applications WB;ELISA  Gene Name IL411  Protein Name L-amino-acid oxidase  Immunogen Synthesized peptide derived from the N-terminal region of human IL-411.  Specificity IL-411 Polyclonal Antibody detects endogenous levels of IL-411 protein.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA 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 Western Blc: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms IL41; FIG1; L-amino-acid oxidase; LAAO; LAO; Interleukin-4-induced protein 1; IL4-induced protein 1; Protein Fig-1; hFIG1  Observed Band 60kD  Cell Pathway Secreted . Lysosome . Cytoplasmic vesicle, secretory vesicle, acrosome . Secreted at the immunological synapse.  Tissue Specificity Primarily found in immune tissues, with the highest expression in lymph nodes and spileen (PubMed:12041486, PubMed:12446450). Present in germinal center macrophages and inflammatory myeloid cells and antigen-presenting cells (at protein level) (PubMed:17363142). Also present in spermatozoa (at protein level) (PubMed:17361492). Also present in spermatozoa (at protein level) (PubMed:17361492). Also present in spermatozoa (at protein level) (PubMed:17361492). Despressed by neoplastic cells of several B-cell lymphomas and by tumor-associated macrophages (PubMed:19436310).  Function catalytic activity with penylalarine. May play a role in lysosomal antigen	Catalog No	BYab-15938
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Gene Name	Reactivity	Human;Rat;Mouse;
Protein Name         L-amino-acid oxidase           Immunogen         Synthesized peptide derived from the N-terminal region of human IL-4I1.           Specificity         IL-4I1 Polyclonal Antibody detects endogenous levels of IL-4I1 protein.           Formulation         Liquid in PBS containing 50% glycerol, 0.5% BSA 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         Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.           Concentration         1 mg/ml           Purity         ≥90%           Storage Stability         -20°C/1 year           Synonyms         IL4I1; FIG1; L-amino-acid oxidase; LAAO; LAO; Interleukin-4-induced protein 1; IL4-induced protein 1; Protein Fig-1; hFIG1           Observed Band         60kD           Cell Pathway         Secreted . Lysosome . Cytoplasmic vesicle, secretory vesicle, acrosome . Secreted at the immunological synapse           Tissue Specificity         Primarily found in immune tissue, with the highest expression in lymph nodes and spleen (PubMed:12031486, PubMed:12446450). Present in germinal centermacrophages generatozoa (at protein level) (PubMed:1256132). Also present in spermatozoa (at protein level) (PubMed:12446450). Expressed in primary mediastinal large B-cell lymphoma and by tumor-associated macrophages (PubMed:194463310).	Applications	WB;ELISA
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Specificity   IL-4l1 Polyclonal Antibody detects endogenous levels of IL-4l1 protein.	Protein Name	L-amino-acid oxidase
Formulation  Liquid in PBS containing 50% glycerol, 0.5% BSA 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  Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.  Concentration  1 mg/ml  Purity  ≥90%  Storage Stability  -20°C/1 year  Synonyms  IL411; FIG1; L-amino-acid oxidase; LAAO; LAO; Interleukin-4-induced protein 1; IL4-induced protein 1; Protein Fig-1; hFIG1  Observed Band  60kD  Cell Pathway  Secreted . Lysosome . Cytoplasmic vesicle, secretory vesicle, acrosome . Secreted at the immunological synapse.  Tissue Specificity  Primarily found in immune tissues, with the highest expression in lymph nodes and spleen (PubMed:12031486, PubMed:12446450). Present in germinal center macrophages and inflammatory myeloid cells and antigen-presenting cells (at protein level) (PubMed:17356132). Also present in spermatozoa (at protein level) (PubMed:17436132). Also present in spermatozoa (at protein level) (PubMed:17446450). Expressed in primary mediastinal large B-cell lymphoma, a specific subtype of diffuse large B-cell lymphoma and by tumor-associated macrophages (PubMed:19436310).  Function  Catalytic activity:An L-amino acid + H(2)O + O(2) = a 2-oxo acid + NH(3) + H(2)O(2), cofactor:FAD, function:Lysosomal L-amino-acid oxidase with highest specific activity with phenylalanine. May play a role in lysosomal antigen	Immunogen	Synthesized peptide derived from the N-terminal region of human IL-4I1.
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processing and presentation.,induction:By interleukin-4.,similarity:Belongs to the	Function	H(2)Ō(2).,cofactor:FAD.,function:Lysosomal L-amino-acid oxidase with highest

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contains the binding of fla can be induc containing th	ncodes a protein with limited similarity to L-amino acid oxidase which conserved amino acids thought to be involved in catalysis and vin adenine dinucleotide (FAD) cofactor. The expression of this gene ed by interleukin 4 in B cells, however, expression of transcripts
Multiple trans	e first two exons of the upstream gene is found in other cell types. script variants encoding different isoforms have been found for this ed by RefSeq, Apr 2012],
matters needing Avoid repeate attention	ed freezing and thawing!
Usage suggestions This product more information	can be used in immunological reaction related experiments. For tion, please consult technical personnel.

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