



PP2Cε Polyclonal Antibody

catalytic activity:A phosphoprotein + H(2)O = a protein + phosphate.,cofactor:Binds 2 magnesium or manganese ions per subunit.,function:Acts as a suppressor of the SAPK signaling pathways by associating with and dephosphorylating MAP3K7/TAK1 and MAP3K5, and by attenuating the association between MAP3K7/TAK1 and MAP2K4 or MAP2K6.,similarity:Belongs to the PP2C family.,similarity:Contains 1 PP2C-like domain.,subunit:Interacts with MAP3K7/TAK1 (By similarity). Interacts with		
Reactivity Human;Mouse;Rat Applications WB;IHC Gene Name PPM1L Protein Name Protein phosphatase 1L Immunogen The antiserum was produced against synthesized peptide derived from human PPM1L. AA range:119-168 Specificity PP2Cε Polyclonal Antibody detects endogenous levels of PP2Cε 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 WB 1:500-2000;IHC-p 1:50-300 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms PPM1L; PP2CE; Protein phosphatase 1L; Protein phosphatase 1-like; Protein phosphatase 2C isoform epsilon; PP2C-epsilon Observed Band 42kD Cell Pathway Membrane; Single-pass type I membrane protein . Tissue Specificity Ubiquitous. Highly expressed in heart, placenta, lung, liver, kidney and pancreas. Function catalytic activity: A phosphoprotein + H(2)O = a protein + phosphate, cofactor:Binds 2 magnesium or manganese ions per subunit, function:Acts as a	Catalog No	BYab-14952
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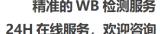
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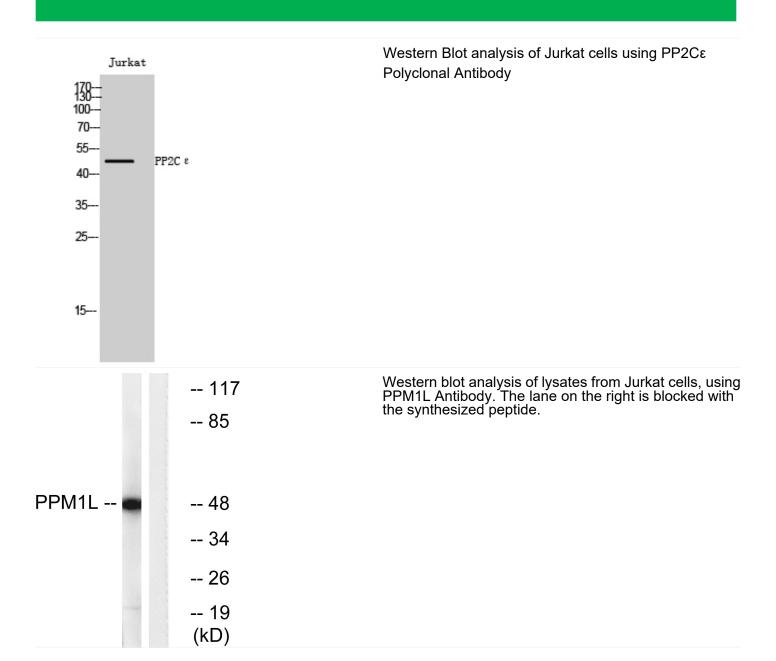


Background	The protein encoded by this gene is a magnesium or manganese-requiring phosphatase that is involved in several signaling pathways. The encoded protein downregulates apoptosis signal-regulating kinase 1, a protein that initiates a signaling cascade that leads to apoptosis when cells are subjected to cytotoxic stresses. This protein also is an endoplasmic reticulum transmembrane protein that helps regulate ceramide transport from the endoplasmic reticulum to the Golgi apparatus. Finally, this gene may be involved in adiposity since it is upregulated in adipose tissues. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2015],
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

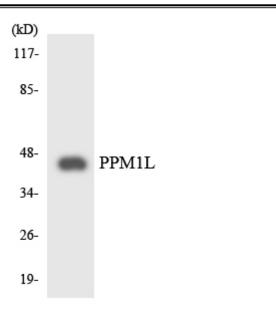


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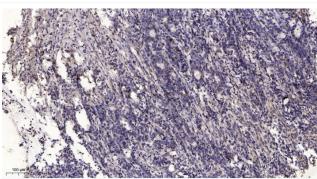


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Western blot analysis of the lysates from HepG2 cells using PPM1L antibody.



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).