PPP1R15B rabbit pAb

Cat#: orb767176 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	PPP1R15B rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human PPP1R15B. AA range:411-460
Specificity	PPP1R15B Polyclonal Antibody detects endogenous levels of PPP1R15B protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Protein phosphatase 1 regulatory subunit 15B
Gene Name	PPP1R15B
Cellular localization	protein phosphatase type 1 complex,
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal

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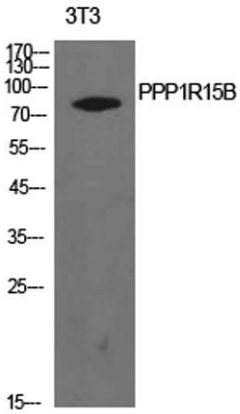
Concentration	1 mg/ml
Observed band	78kD
Human Gene ID	84919
Human Swiss-Prot Number	Q5SWA1
Alternative Names	PPP1R15B; Protein phosphatase 1 regulatory subunit 15B

Background

This gene encodes a protein phosphatase I-interacting protein that promotes the dephosphorylation of eukaryotic translation initiation factor 2A to regulate translation under conditions of cellular stress. The transcribed messenger RNA contains two upstream open reading frames (ORFs) that repress translation of the main protein coding ORF under normal conditions, while the protein coding ORF is expressed at high levels in response to stress. Continual translation of the mRNA under conditions of eukaryotic translation initiation factor 2A inactivation is thought to create a feedback loop for reactivation of the gene during recovery from stress. In addition, it has been shown that this protein plays a role in membrane traffic that is independent of translation and that it is required for exocytosis from erythroleukemia cells. Allelic variants of this gene are associated with mi



Western Blot analysis of NIH-3T3 cells using PPP1R15B Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000

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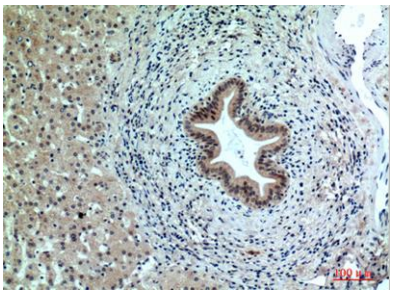
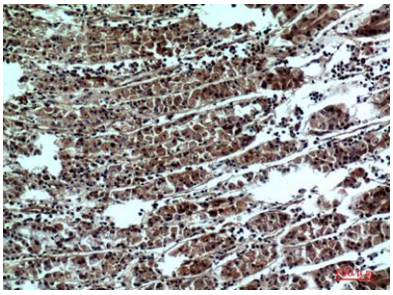
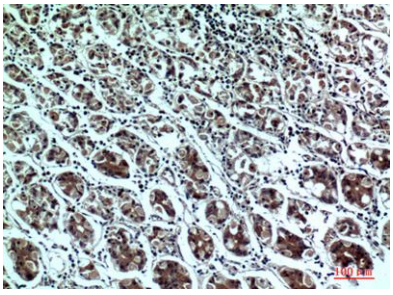


Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-stomach, antibody was diluted at 1:100



Immunohistochemical analysis of paraffin-embedded human-stomach, antibody was diluted at 1:100

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