

Rabbit anti-Human PPP1R15B Polyclonal Antibody | anti-PPP1R15B antibody

PPP1R15B Polyclonal Antibody

CATALOG # AAA172208	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

PPP1R15B; Polyclonal Antibody; PPP1R15B Polyclonal Antibody; Protein phosphatase 1 regulatory subunit 15B; anti-PPP1R15B antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Applicable Applications for anti-PPP1R15B antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthesized peptide derived from the Internal region of human PPP1R15B.
Buffer	PBS with 0.02% sodium azide, 0.5% BSA and 50% glycerol, pH7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-138534 / sc-138536
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver tissue using PPP1R15B Polyclonal Antibody at dilution of 1:100.



WB (Western Blot)

Western Blot analysis of NIH-3T3 cells with PPP1R15B Polyclonal Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R15B antibody	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 microcephaly, short stature, and impaired glucose metabolism.PPP1R15B (Protein Phosphatase 1 Regulatory Subunit 15B) is a Protein Coding gene. Diseases associated with PPP1R15B include Microcephaly, Short Stature, And Impaired Glucose Metabolism 2 and Primary Microcephaly-Mild Intellectual Disability-Young-Onset Diabetes Syndrome. GO annotations related to this gene include protein serine/threonine phosphatase activity.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	613410232
NCBI GeneID	84919
NCBI Accession #	NP_116222.4
NCBI GenBank Nucleotide #	NM_032833.4
Molecular Weight	Calculated MW: 78 Observed MW: 78
NCBI Official Full Name	protein phosphatase 1 regulatory subunit 15B
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 15B
NCBI Official Symbol	PPP1R15B
NCBI Official Synonym Symbols	CREP; MSSGM2
NCBI Protein Information	protein phosphatase 1 regulatory subunit 15B
UniProt Protein Name	Protein phosphatase 1 regulatory subunit 15B
UniProt Gene Name	PPP1R15B
UniProt Entry Name	PR15B_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp1r15b-antibody-immunohistochemistry-western-blot-elisa/172208>