

PPP1R15B Polyclonal Antibody

Cat No: HR1AP5412

For research use only

Overview

Product Name	PPP1R15B Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	78kDa
GeneID?Human?	PPP1R15B
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	PPP1R15B; Protein phosphatase 1 regulatory subunit 15B
Background	<p>protein phosphatase 1 regulatory subunit 15B(PPP1R15B) Homo sapiens 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</p>