Anti-Human PPP1R15B Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA06502

3th Edition

Description: 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.

Antigen: Synthesized peptide derived from the Internal region of human PPP1R15B.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: