
Product Name: KD-Validated PPP2R5D Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01321

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 70.0kDa

Antigen Information

Gene Name	PPP2R5D PPP2R5D; Protein Phosphatase 2 Regulatory Subunit B'Delta; Serine/Threonine-Protein Phosphatase 2A 56 KDa Regulatory Subunit Delta Isoform; B56delta; B56D; Protein
Alternative Names	Phosphatase 2, Regulatory Subunit B (B56), Delta Isoform; PP2A B Subunit Isoform PR61-Delta; PP2A B Subunit Isoform B56-Delta; PP2A B Subunit Isoform B'-Delta; PP2A B Subunit Isoform R5-Delta; MRD35; HJS1
Gene ID	5528.0
SwissProt ID	Q14738
Immunogen	A synthesized peptide derived from human PPP2R5D

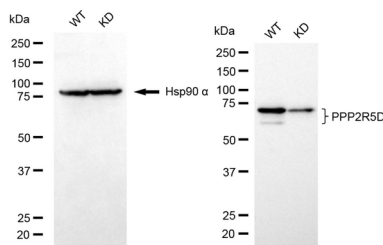
Background

The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. The B regulatory subunit might modulate substrate selectivity and catalytic activity. This gene encodes a delta isoform of the regulatory subunit B56 subfamily. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]

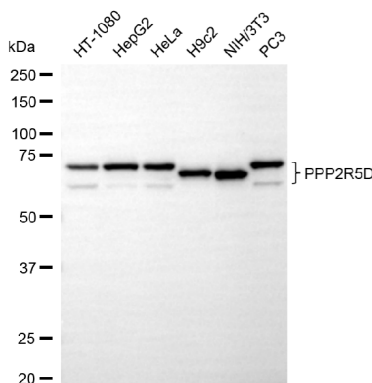
Research Area

Neuroscience, Signal Transduction

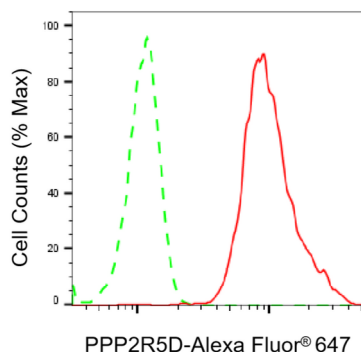
Image Data



Western blotting analysis using PPP2R5D antibody (KVA01321). PPP2R5D expression in wild type (WT) and PPP2R5D knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with PPP2R5D antibody (KVA01321, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using PPP2R5D antibody (KVA01321). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with PPP2R5D antibody (KVA01321, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of PPP2R5D expression in HepG2 cells using PPP2R5D antibody (KVA01321, 1:2,000). Green, isotype control; red, PPP2R5D.