ARG43928
anti-PPP2R5D antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes PPP2R5D
Tested Reactivity	Hu, Ms, Rat
Tested Application	ELISA, FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PPP2R5D
Species	Human
Immunogen	Human PPP2R5D recombinant protein
Conjugation	Un-conjugated
Alternate Names	PPP2R5D; Protein Phosphatase 2 Regulatory Subunit B'Delta; Serine/Threonine-Protein Phosphatase 2A 56 KDa Regulatory Subunit Delta Isoform; B56delta; B56D; Protein 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

Application Instructions

Application table

Application	Dilution
ELISA	0.1-0.5 µg/ml
FACS	1-3 µg/1x10^6 cells
WB	0.1-0.25 µg/ml

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

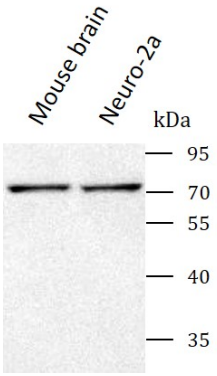
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4 and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

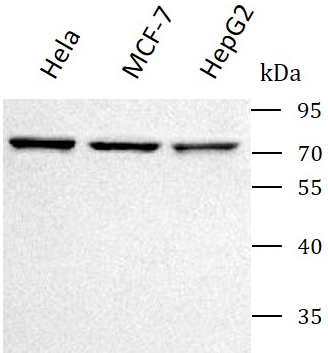
Gene Symbol	PPP2R5D
Gene Full Name	Protein Phosphatase 2 Regulatory Subunit B'Delta
Background	The product of this gene belongs to the phosphatase 2A regulatory subunit B family. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell 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.
Function	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.
Calculated Mw	70 kDa
PTM	Phosphoprotein
Cellular Localization	Cytoplasm, Nucleus

Images



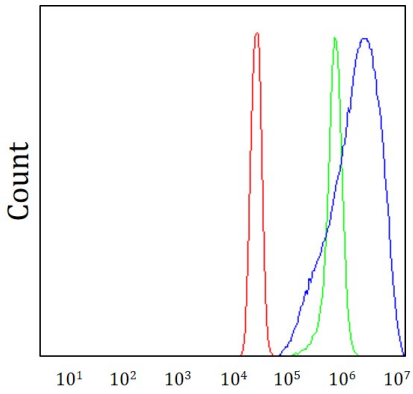
ARG43928 anti-PPP2R5D antibody WB image

Western blot: Mouse brain and Neuro-2a stained with ARG43928 anti-PPP2R5D antibody at 0.5 µg/mL dilution.



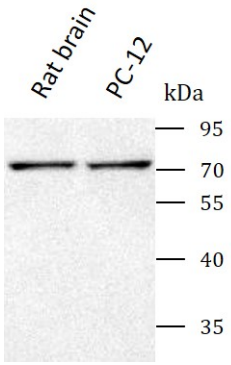
ARG43928 anti-PPP2R5D antibody WB image

Western blot: Hela, MCF-7 and HepG2 stained with ARG43928 anti-PPP2R5D antibody at 0.5 µg/mL dilution.



ARG43928 anti-PPP2R5D antibody FACS image

Flow Cytometry: SiHa cells stained with ARG43928 anti-PPP2R5D antibody (blue) at 1 µg/1x10^6 cells dilution.



ARG43928 anti-PPP2R5D antibody WB image

Western blot: Rat brain and PC-12 stained with ARG43928 anti-PPP2R5D antibody at 0.5 µg/mL dilution.