

Rabbit PPP2R5D Polyclonal Antibody | anti-PPP2R5D antibody

PPP2R5D Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325131	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

PPP2R5D; Polyclonal Antibody; PPP2R5D Antibody; 2A5D_HUMAN; B'delta; B56D; Delta isoform of regulatory subunit B56; protein phosphatase 2A; MGC2134; MGC8949; OTTHUMP00000039821; PP2A B subunit B' delta isoform; PP2A B subunit B56 delta isoform; PP2A B subunit isoform B''-delta; PP2A B subunit isoform B56-delta; PP2A B subunit isoform PR61-delta; PP2A B subunit isoform R5-delta; PP2A B subunit PR61 delta isoform; PP2A B subunit R5 delta isoform; Protein phosphatase 2 regulatory subunit B (B56) delta isoform; Protein phosphatase 2 regulatory subunit B delta isoform; Protein phosphatase 2 regulatory subunit B' delta; Serine threonine protein phosphatase 2A 56 kDa regulatory subunit delta isoform; Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform; TEG-271; Tex271; anti-PPP2R5D antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	PPP2R5D antibody detects endogenous levels of total PPP2R5D
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	451
Applicable Applications for anti-PPP2R5D antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytoplasm. Nucleus. Nuclear in interphase, nuclear during mitosis.
Tissue Specificity	Isoform Delta-2 is widely expressed. Isoform Delta-1 is highly expressed in brain.
Predicted Cross Reactivity	Bovine, Horse, Sheep, Rabbit, Dog
Similarity	Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA325131 staining Hela cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells using PPP2R5D antibody. The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-PPP2R5D antibody	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. Subunit Structure: PP2A consists of a common heterodimeric core enzyme, composed of a 36 kDa catalytic subunit (subunit C) and a 65 kDa constant regulatory subunit (PR65 or subunit A), that associates with a variety of regulatory subunits. Proteins that associate with the core dimer include three families of regulatory subunits B (the R2/B/PR55/B55, R3/B"/PR72/PR130/PR59 and R5/B'/B56 families), the 48 kDa variable regulatory subunit, viral proteins, and cell signaling molecules. Interacts with SGO1. Similarity: Belongs to the phosphatase 2A regulatory subunit B56 family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	394582140
NCBI GeneID	5528
NCBI Accession #	NP_001257405.1
NCBI GenBank Nucleotide #	NM_001270476.1
UniProt Accession #	Q14738; O00494; O00696; Q15171; Q5TC39; A8K3I9; B5BUA6
Molecular Weight	Observed: 70 kD Predicted: 70 kDa
NCBI Official Full Name	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform isoform 4
NCBI Official Synonym Full Names	protein phosphatase 2 regulatory subunit B'delta
NCBI Official Symbol	PPP2R5D
NCBI Official Synonym Symbols	B56D; MRD35; B56delta
NCBI Protein Information	serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform
UniProt Gene Name	PPP2R5D

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.