Datasheet for ABIN1394527

anti-PPP2R5D antibody (AA 501-602) (Biotin)

Go to Product page

Overview

Quantity:	100 µL
Target:	PPP2R5D
Binding Specificity:	AA 501-602
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R5D antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PPP2R5D
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	PPP2R5D
Alternative Name:	PPP2R5D (PPP2R5D Products)

Target Details

Background:	Synonyms: B'delta, 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 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, Serine threonine protein phosphatase 2A 56 kDa regulatory subunit delta isoform, TEG-271, Tex271, 2A5D_HUMAN. Background: In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions, including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit, and a catalytic subunit. Four major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C. An additional protein phosphatase catalytic subunit, PPX (also known as PP4) is a putative member of a novel PP family. The PP2A family comprises subfamily members PP2A Alpha and PP2A Beta. The PP2A catalytic subunit associates with a variety of regulatory subunits. Regulatory subunits include PP2A-A-Alpha and -A-Beta, PP2A-B-Alpha and -B-Beta, PP2A-C-Alpha and -C-Beta, PP2A-B56-Alpha, -B56-Beta, -B56-gamma and -B56-Delta.
Pathways:	PI3K-Akt Signaling, Activation of Innate immune Response, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 μg/μL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

Handling

	handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months