

Datasheet for ABIN7169265
anti-PPP2R4 antibody (AA 1-250) (HRP)



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Overview

Quantity:	100 µg
Target:	PPP2R4
Binding Specificity:	AA 1-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R4 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Serine/threonine-protein phosphatase 2A activator protein (1-250AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PPP2R4
Alternative Name:	PTPA (PPP2R4 Products)
Background:	Background: PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. Acts as a regulatory subunit for

Target Details

serine/threonine-protein phosphatase 2A (PP2A) modulating its activity or substrate specificity, probably by inducing a conformational change in the catalytic subunit, a proposed direct target of the PPlase. Can reactivate inactive phosphatase PP2A-phosphatase methylesterase complexes (PP2A(i)) in presence of ATP and Mg(2+) (By similarity). Reversibly stimulates the variable phosphotyrosyl phosphatase activity of PP2A core heterodimer PP2A(D) in presence of ATP and Mg(2+) (in vitro). The phosphotyrosyl phosphatase activity is dependent of an ATPase activity of the PP2A(D):PPP2R4 complex. Is involved in apoptosis, the function appears to be independent from PP2A.

Aliases: subunit B" antibody, KIAA0044 antibody, MGC2184 antibody, Phosphotyrosyl phosphatase activator antibody, PP2A antibody, PP2A phosphatase activator antibody, PP2A subunit B' antibody, PP2A subunit B' isoform PR53 antibody, PP2A subunit B' PR53 isoform antibody, PPP2R4 antibody, PR53 antibody, PR53 isoform antibody, Protein phosphatase 2, regulatory subunit B-prime antibody, Protein phosphatase 2A activator regulatory subunit 4 antibody, Protein phosphatase 2A regulatory subunit B' (PR 53) antibody, PTPA antibody, PTPA_HUMAN antibody, Serine/threonine protein phosphatase 2A regulatory subunit B' antibody, Serine/threonine-protein phosphatase 2A activator antibody, Serine/threonine-protein phosphatase 2A regulatory subunit 4 antibody, Serine/threonine-protein phosphatase 2A regulatory subunit B" antibody

UniProt: [Q15257](#)

Pathways: [PI3K-Akt Signaling](#), [M Phase](#), [Hepatitis C](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.