

Datasheet for ABIN6243953
anti-PPP2R4 antibody (AA 3-35)



[Go to Product page](#)

1 Image

Overview

Quantity:	200 µL
Target:	PPP2R4
Binding Specificity:	AA 3-35
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PPP2R4 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 3-35 amino acids from human PPP2R4.
Clone:	RB54602
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPP2R4
Alternative Name:	PPP2R4 (PPP2R4 Products)
Background:	PPlases accelerate the folding of proteins. It catalyzes the cis-trans isomerization of proline

Target Details

imidic peptide bonds in oligopeptides. Acts as a regulatory subunit for 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.

Molecular Weight: 40668

UniProt: [Q15257](#)

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

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

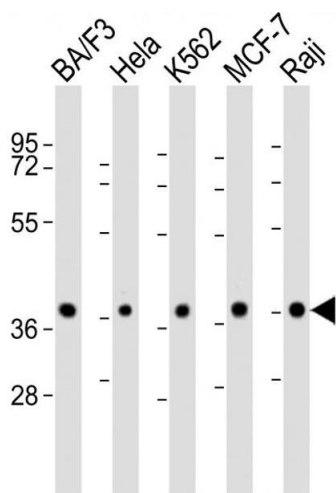
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. All lanes : Anti-P2R4 Antibody (N-Term) at 1:2000 dilution Lane 1: BA/F3 whole cell lysate Lane 2: HeLa whole cell lysate Lane 3: K562 whole cell lysate Lane 4: MCF-7 whole cell lysate Lane 5: Raji whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 41 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.