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Datasheet for ABIN911967

anti-PPP2R1A antibody (AA 166-255) (Biotin)

Overview

Quantity:	100 µL
Target:	PPP2R1A
Binding Specificity:	AA 166-255
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A 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 PPP2R1A
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	PPP2R1A
Alternative Name:	PPP2R1A (PPP2R1A Products)

Target Details

Background: Synonyms: PP2A, PP2A subunit A PR65-alpha isoform, PP2A subunit A R1 alpha isoform, PP2A, subunit A, PR65-alpha isoform, PP2A, subunit A, R1-alpha isoform, PPP2R1A, ppp2r1a-b, PR65, PR65A, Protein phosphatase 2 formerly 2A, regulatory subunit A PR 65, alpha isoform, Protein phosphatase 2 Formerly 2A, regulatory subunit A PR 65, alpha isoform, isoform CRA_a , Protein phosphatase 2 formerly 2A, regulatory subunit A, Protein phosphatase 2 regulatory subunit A alpha isoform, Protein phosphatase 2, 65-KD regulatory subunit A, alpha, Protein phosphatase 2, regulatory subunit A, alpha isoform, Protein phosphatase 2, structural/regulatory subunit A, alpha, PPP2R1A, Serine threonine protein phosphatase 65 kDa, Serine/threonine protein phosphatase 2A 65 KDA regulatory subunit A alpha isoform, Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform, Alpha isoform of regulatory subunit A, protein phosphatase, DKFZp470L0914, Medium tumor antigen-associated 61 kDa protein, 2AAA_HUMAN.

Background: Protein phosphatase 2A (PP2A) is the most abundant phosphatase specific for serine and threonine phosphorylation in mammalian cells. 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 constant regulatory subunit alpha (PPP2R1A) serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory beta subunit.

Gene ID: 5518

Pathways: [PI3K-Akt Signaling](#), [Mitotic G1-G1/S Phases](#), [M Phase](#), [Hepatitis C](#), [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.

Handling

Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months