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Datasheet for ABIN873062  
**anti-PPP2R1A antibody (AA 166-255)**

### Overview

Quantity:	100 µL
Target:	PPP2R1A
Binding Specificity:	AA 166-255
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), 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
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## Target Details

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Alternative Name: [PPP2R1A \(PPP2R1A Products\)](#)

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.

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Gene ID: 5518

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

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months