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Quantity:	200 μL
Target:	PPP2R1A
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Fusion protein of human PPP2R1A
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	PPP2R1A
Alternative Name:	PPP2R1A (PPP2R1A Products)
Background:	This gene encodes a constant regulatory subunit of protein phosphatase 2. Protein
	phosphatase 2 is one of the four major Ser/Thr phosphatases, and it is implicated in the
	negative control of cell growth and division. It consists of a common heteromeric core enzyme,
	which is composed of a catalytic subunit and a constant regulatory subunit, that associates

Target Details

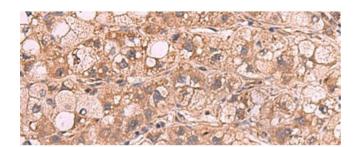
	with a variety of regulatory subunits. The constant regulatory subunit A serves as a scaffolding molecule to coordinate the assembly of the catalytic subunit and a variable regulatory B subunit. This gene encodes an alpha isoform of the constant regulatory subunit A. Alternatively spliced transcript variants have been described.
Molecular Weight:	Observed_MW: Refer to figures Calculated_MW: 65 kDa
UniProt:	P30153
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, M Phase, Hepatitis C, Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:1000-1:5000, IHC 1:70-1:350, ELISA 1:5000-1:10000
Restrictions:	For Research Use only

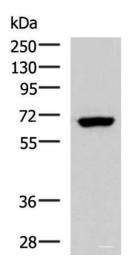
Handling

Format:	Liquid
Concentration:	1.14 mg/mL
Buffer:	PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human liver cancer tissue using PPP2R1A Polyclonal Antibody at dilution of 1:65(x200)



Western Blotting

Image 2. Western blot analysis of NIH/3T3 cell lysate using PPP2R1A Polyclonal Antibody at dilution of 1:850