# antibodies -online.com





## anti-PPP2R1A antibody (Center)

**Images** 



Publication



0	1 /	-	K	/1	-	1 A
u	\/	$\vdash$	I \	/ I	$\vdash$	1/1

Quantity:	100 μL
Target:	PPP2R1A
Binding Specificity:	Center
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details	
Immunogen:	Recombinant protein encompassing a sequence within the center region of human PPP2R1A.  The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat (Rattus), Pig (Porcine), Rhesus Monkey
Cross-Reactivity (Details):	Rat (100 %), Pig (100 %), Rhesus Monkey (100 %)
Characteristics:	Rabbit Polyclonal antibody to PPP2R1A (serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform) PPP2R1A antibody
Purification:	Purified by antigen-affinity chromatography.

### **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		
	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.		
Molecular Weight:	65 kDa		
Gene ID:	5518		
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, M Phase, Hepatitis C, Toll-Like Receptors		
	Cascades		
Application Details			
Application Notes:	Suggested dilution Reference ICC/IF 1:100-1:1000* IHC (Formalin-fixed paraffin-embedded		
	sections) 1:100-1:1000* Immunoprecipitation Assay-dependent dilution Western blot 1:1000-		
	1:10000* Not tested in other applications. *Optimal dilutions/concentrations should be		
	determined by the researcher.Suggested dilutionReferenceICC/IF1:100-1:1000* IHC (Formalin-		
	fixed paraffin-embedded sections)1:100-1:1000* ImmunoprecipitationAssay-dependent dilution		
	Western blot1:1000-1:10000*		
Comment:	Positive Control: HeLa , NIH-3T3 , JC , BCL-1		
Restrictions:	For Research Use only		
Handling			
Format:	Liquid		
Concentration:	0.96 mg/mL		
Buffer:	1XPBS, 1 % BSA, 20 % Glycerol (pH 7). 0.01 % Thimerosal was added as a preservative.		
Preservative:	Thimerosal (Merthiolate)		
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE		

#### Handling

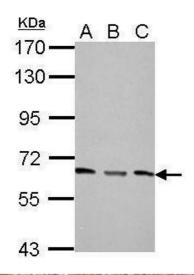
	which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

#### **Publications**

Product cited in:

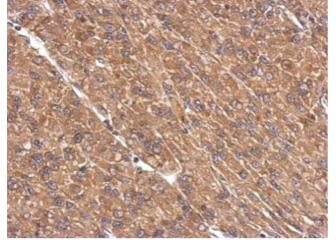
Rodriguez-Gil, Hu, Greer: "Dishevelled proteins are associated with olfactory sensory neuron presynaptic terminals." in: **PLoS ONE**, Vol. 8, Issue 2, pp. e56561, (2013) (PubMed).

#### **Images**



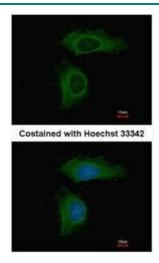
#### **Western Blotting**

Image 1. WB Image Sample (30 ug of whole cell lysate) A: NIH-3T3 B: JC C: BCL-1 7.5% SDS PAGE antibody diluted at 1:5000



#### **Immunohistochemistry**

**Image 2.** IHC-P Image Immunohistochemical analysis of paraffin-embedded U87 xenograft, using PPP2R1A, antibody at 1:500 dilution.



#### Immunofluorescence

**Image 3.** ICC/IF Image Immunofluorescence analysis of methanol-fixed HeLa, using PPP2R1A, antibody at 1:500 dilution.

Please check the product details page for more images. Overall 4 images are available for ABIN2855322.