.-online.com antibodies

Datasheet for ABIN2774161 anti-PPP2R1A antibody (N-Term)

2 Images



Overview

Quantity:	100 μL
Target:	PPP2R1A
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Horse, Guinea Pig, Dog, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human PPP2R1A
Sequence:	KAVESLRAIS HEHSPSDLEA HFVPLVKRLA GGDWFTSRTS ACGLFSVCYP
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rat: 100%, Zebrafish: 85%
Characteristics:	This is a rabbit polyclonal antibody against PPP2R1A. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified
Target Details	
Target:	PPP2R1A

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/4 | Product datasheet for ABIN2774161 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
Alternative Name:	PPP2R1A (PPP2R1A Products)
Background:	PPP2R1A is 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. PPP2R1A
	is an alpha isoform of the constant regulatory subunit A. 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. Publication Note: This RefSeq record includes a subset of the
	publications that are available for this gene. Please see the Entrez Gene record to access
	additional publications.
	Alias Symbols: MGC786, PR65A, PP2AAALPHA, PP2A-Aalpha
	Protein Interaction Partner: CSDC2, UBC, PPP2R2A, PPP2R1B, PPP2CB, POLDIP2, MOB4,
	SRGAP2, ANKLE2, PSIP1, ESPL1, PPFIA3, PPFIA1, IRS4, CCDC6, TFAM, PPP1R12B, HSPA7,
	HSPA1A, FECH, CTNNA2, CLCN6, STRN, RPS19, RPS3, PPP2R5E, PPP2R5D, PPP2R5C,
	PPP2CA, PEX1, LOC730668, DGKH, RAVER1, CCDC43
	Protein Size: 589
Molecular Weight:	65 kDa
Gene ID:	5518
NCBI Accession:	NM_014225, NP_055040
UniProt:	P30153
Pathways:	PI3K-Akt Signaling, Mitotic G1-G1/S Phases, M Phase, Hepatitis C, Toll-Like Receptors Cascades
Application Details	
Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.

Comment:	Antigen size: 589 AA
----------	----------------------

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/4 | Product datasheet for ABIN2774161 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Application Details

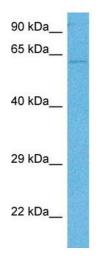
Restrictions:

For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

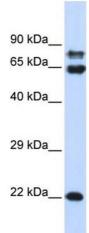
Images



Host: Rabbit Target Name: Ppp2r1a Sample Type: Mouse Testis Lysate Antibody Dilution: 1.0µg/ml

Western Blotting

Image 1. Host: Mouse Target Name: PPP2R1A Sample Tissue: Mouse Testis Antibody Dilution: 1ug/ml



Western Blotting

Image 2. WB Suggested Anti-PPP2R1A Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: 293T cell lysate

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 4/4 | Product datasheet for ABIN2774161 | 09/11/2023 | Copyright antibodies-online. All rights reserved.