

Datasheet for ABIN1881682

anti-PPP2R1A antibody (C-Term)**1** Image**5** Publications[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	PPP2R1A
Binding Specificity:	AA 454-481, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R1A antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This PPP2R1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-481 amino acids from the C-terminal region of human PPP2R1A.
Clone:	RB41029
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPP2R1A
Alternative Name:	PPP2R1A (PPP2R1A Products)

Target Details

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. Alternatively spliced transcript variants have been described. [provided by RefSeq].
Molecular Weight:	65309
NCBI Accession:	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:	WB: 1:1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Expiry Date:	6 months

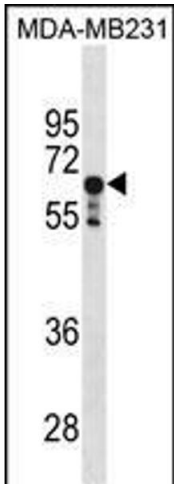
Publications

Product cited in:	Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical characterization of highly gamma-carboxylated recombinant human prothrombin." in: Journal of chromatography. A , Vol. 1325, pp. 171-8, (2014) (PubMed).
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Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) ([PubMed](#)).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).

Images



Western Blotting

Image 1. P2R1A Antibody (C-term) (ABIN1881682 and ABIN2838741) western blot analysis in MDA-M cell line lysates (35 µg/lane). This demonstrates the P2R1A antibody detected the P2R1A protein (arrow).