

Datasheet for ABIN1881683
anti-PPP2R2A antibody (N-Term)

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Overview

Quantity:	400 µL
Target:	PPP2R2A
Binding Specificity:	AA 43-71, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP2R2A antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PPP2R2A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 43-71 amino acids from the N-terminal region of human PPP2R2A.
Clone:	RB43624
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, M, Pig, Rb, Rat
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	PPP2R2A
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Target Details

Alternative Name:	PPP2R2A (PPP2R2A Products)
Background:	The B regulatory subunit might modulate substrate selectivity and catalytic activity, and also might direct the localization of the catalytic enzyme to a particular subcellular compartment.
Molecular Weight:	51692
NCBI Accession:	NP_001171062 , NP_002708
UniProt:	P63151
Pathways:	Mitotic G1-G1/S Phases , Hepatitis C

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:25
Restrictions:	For Research Use only

Handling

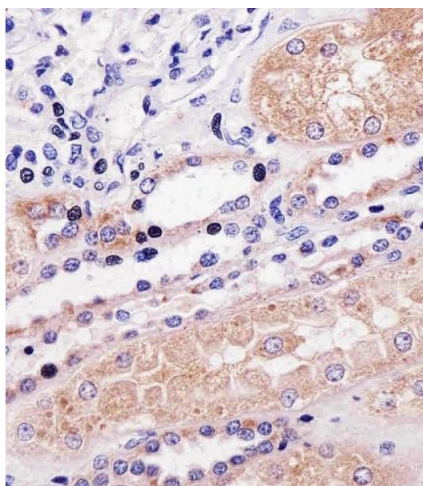
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Expiry Date:	6 months

Publications

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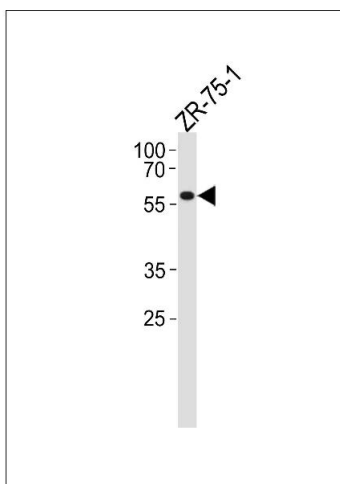
the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) ([PubMed](#)).

Images



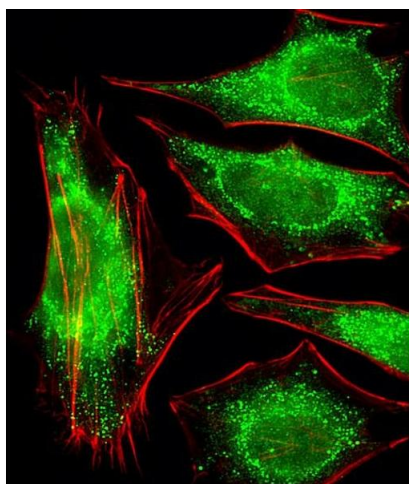
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H. kidney section using P2R2A Antibody (N-term) A. A was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.



Western Blotting

Image 2. P2R2A Antibody (N-term) (ABIN1881683 and ABIN2843430) western blot analysis in ZR-75-1 cell line lysates (35 µg/lane). This demonstrates the P2R2A antibody detected the P2R2A protein (arrow).



Immunofluorescence

Image 3. Fluorescent image of Hela cells stained with P2R2A Antibody (N-term) A. A was diluted at 1:25 dilution. An Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Alexa Fluor® 555 conjugated with Phalloidin (red).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1881683.