

Rabbit PPP1R8 Polyclonal Antibody | anti-PPP1R8 antibody

PPP1R8 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198756	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

PPP1R8; Polyclonal Antibody; PPP1R8 antibody - N-terminal region; anti-PPP1R8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Protein A purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: TH GTFLGHIRLE PHKPQQIPID STVSFGASTR AYTLREKPQT LPSAVKGD
Sequence Length	351
Applicable Applications for anti-PPP1R8 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human PPP1R8
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-PPP1R8 Antibody Titration: 1.25ug/ml
 ELISA Titer: 1:312500
 Positive Control: HepG2 cell lysate
 PPP1R8 is supported by BioGPS gene expression data to be expressed in HepG2



IHC (Immunohistochemistry)

Rabbit Anti-PPP1R8 antibody
 Paraffin Embedded Tissue: Human Lung cell
 Cellular Data: alveolar cell of renal tubule
 Antibody Concentration: 4.0-8.0 ug/ml
 Magnification: 400X

ADDITIONAL INFORMATION

Related Product Information for anti-PPP1R8 antibody	This is a rabbit polyclonal antibody against PPP1R8. It was validated on Western Blot using a cell lysate as a positive control. Target Description: This gene, through alternative splicing, encodes three different isoforms. Two of the protein isoforms encoded by this gene are specific inhibitors of type 1 serine/threonine protein phosphatases and can bind but not cleave RNA. The third protein isoform lacks the phosphatase inhibitory function but is a single-strand endoribonuclease comparable to RNase E of E. coli. This isoform requires magnesium for its function and cleaves specific sites in A+U-rich regions of RNA.
Product Categories/Family for anti-PPP1R8 antibody	Polyclonal; RNA Binding Proteins; Transcription Regulation; Chromatin & Nuclear Signaling; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	13699256
NCBI GeneID	5511
NCBI Accession #	NP_054829
NCBI GenBank Nucleotide #	NM_014110
UniProt Accession #	Q12972
Molecular Weight	39kDa
NCBI Official Full Name	nuclear inhibitor of protein phosphatase 1 isoform alpha
NCBI Official Synonym Full Names	protein phosphatase 1 regulatory subunit 8
NCBI Official Symbol	PPP1R8
NCBI Official Synonym Symbols	ARD1; ARD-1; NIPP1; NIPP-1; PRO2047
NCBI Protein Information	nuclear inhibitor of protein phosphatase 1
UniProt Protein Name	Nuclear inhibitor of protein phosphatase 1
UniProt Gene Name	PPP1R8
UniProt Synonym Gene Names	ARD1; NIPP1; NIPP-1
UniProt Entry Name	PP1R8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ppp1r8-antibody-western-blot-immunohistochemistry-elisa/198756>