

Rabbit PIN4 Polyclonal Antibody | anti-PIN4 antibody

PIN4 Antibody

CATALOG # AAA234694	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

PIN4; Polyclonal Antibody; PIN4 Antibody; Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4; Parvulin-14; Par14; hPar14; Parvulin-17; Par17; hPar17; Peptidyl-prolyl cis-trans isomerase Pin4; PPIase Pin4; Peptidyl-prolyl cis/trans isomerase EPVH; hEPVH; Rotamase Pin4; anti-PIN4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	133
Applicable Applications for anti-PIN4 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 protein (1-131AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)

Immunofluorescence staining of HepG2 cells with AAA234694 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234694 diluted at 1:800 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysate, RAW264.7 whole cell lysate, HepG2 whole cell lysate, Rat liver tissue, Mouse liver tissueAll lanes: PIN4 antibody at 5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 14, 17 KDaObserved band size: 14 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-PIN4 antibody	Isoform 1 is involved as a ribosomal RNA processing factor in ribosome biogenesis. Binds to tightly bent AT-rich stretches of double-stranded DNA.
Product Categories/Family for anti-PIN4 antibody	Epigenetics and Nuclear Signaling ; Metabolism ; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	282847476
NCBI GeneID	5303
NCBI Accession #	NP_001164218.1
NCBI GenBank Nucleotide #	NM_001170747.1
UniProt Accession #	Q9Y237 ; Q0D2H3 ; Q3MHV0 ; Q52M21 ; Q5HYW6 ; Q6IRW4 ; A8E0G6 ; B3KXM0 ; F5H1P5
Molecular Weight	14,179 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 isoform 2
NCBI Official Synonym Full Names	peptidylprolyl cis/trans isomerase, NIMA-interacting 4
NCBI Official Symbol	PIN4
NCBI Official Synonym Symbols	EPVH; PAR14; PAR17
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4
UniProt Gene Name	PIN4
UniProt Synonym Gene Names	Par14; hPar14; Par17; hPar17; PPlase Pin4; hEPVH

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pin4-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234694>