

PIN4 recombinant antibody

PIN4 Recombinant Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA278999	HEK293F Cell	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

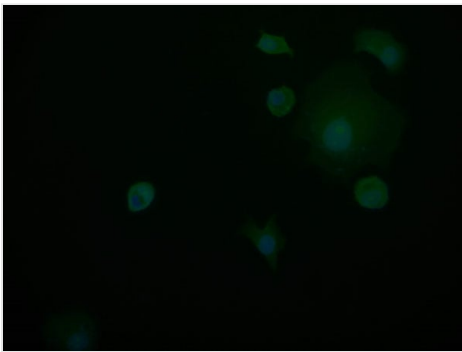
PRODUCT SYNONYMS

PIN4; Monoclonal Recombinant Antibody; PIN4 Recombinant Monoclonal Antibody; Peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 (EC 5.2.1.8)(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); PIN4 recombinant antibody

PRODUCT SPECIFICATIONS

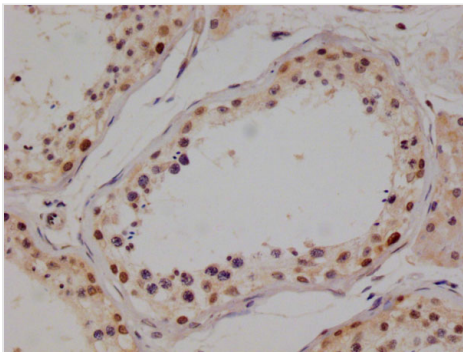
Host	HEK293F Cell
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	14A7
Purity/Purification	Affinity purified
Form/Format	Liquid; PBS, 150mM NaCl, 0.02% sodium azide, 50% glycerol, pH 7.4.
Applicable Applications for PIN4 recombinant antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from Human PIN4
Conjugation	Non-conjugated
Research Area	Epigenetics and Nuclear Signaling; Metabolism; Signal transduction
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



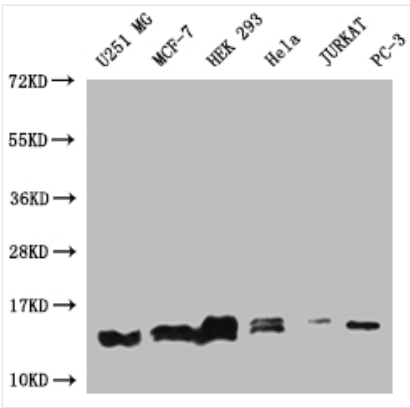
IF (Immunofluorescence)

Immunofluorescence staining of MCF-7 cell with at 1:50, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 598-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IHC (Immunohistochemistry)

IHC image of AAA278999 diluted at 1:100 and staining in paraffin-embedded human testis tissue performed on a Leica Bond™ 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°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western BlotPositive WB detected in: U251 whole cell lysate, MCF-7 whole cell lysate, HEK293 whole cell lysate, Hela whole cell lysate, Jurkat whole cell lysate, PC3 whole cell lysateAll lanes: PIN4 antibody at 1:1000SecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 14, 17, 15 kDaObserved band size: 12-17 kDa

ADDITIONAL INFORMATION

Related Product Information for PIN4 recombinant 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. {ECO:0000269 PubMed:19369196}.; Isoform 2 binds to double-stranded DNA. {ECO:0000269 PubMed:19369196}.
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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	13,810 Da
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4 isoform 2
NCBI Official Synonym Full Names	protein (peptidylprolyl cis/trans isomerase) NIMA-interacting, 4 (parvulin)

NCBI Official Symbol	PIN4
NCBI Official Synonym Symbols	EPVH; PAR14; PAR17
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase NIMA-interacting 4; hEPVH; hPar14; hPar17; PPlase PIN4; parvulin-14; parvulin-17; rotamase PIN4; eukaryotic parvulin homolog; peptidyl-prolyl cis-trans isomerase Pin4; peptidyl-prolyl cis/trans isomerase EPVH
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
UniProt Entry Name	PIN4_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pin4-recombinant-antibody-clone-14a7-immunofluorescence-immunohistochemistry-western-blot-elisa/278999>