

Rabbit anti-Human Peptidyl-prolyl cis-trans isomerase FKBP4 Polyclonal Antibody | anti-FKBP4 antibody

Rabbit anti-human Peptidyl-prolyl cis-trans isomerase FKBP4 polyclonal Antibody(FKBP4)

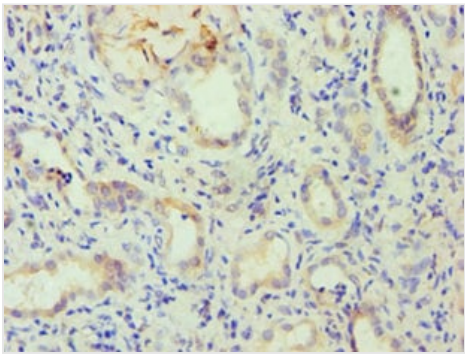
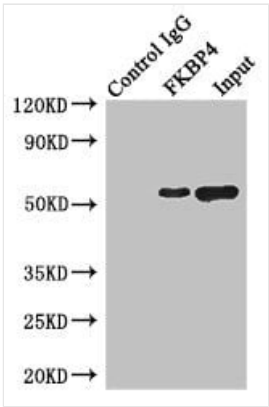
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119422	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

Peptidyl-prolyl cis-trans isomerase FKBP4; Polyclonal Antibody; Rabbit anti-human Peptidyl-prolyl cis-trans isomerase FKBP4 polyclonal Antibody(FKBP4); PPIase FKBP4; 51 kDa FK506-binding protein; FKBP51; 52 kDa FK506-binding protein; 52 kDa FKBP; FKBP-52; 59 kDa immunophilin; p59; FK506-binding protein 4; FKBP-4; FKBP59; HSP-binding immunophilin; HBI; Immunophilin FKBP52; Rotamase; FKBP4; FKBP52; anti-FKBP4 antibody

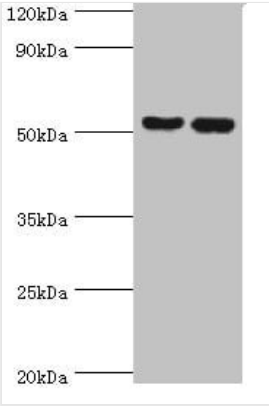
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	459
Applicable Applications for anti-FKBP4 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Peptidyl-prolyl cis-trans isomerase FKBP4 protein (220-459aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11507 / sc-1803
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA119422 at dilution 1:100

IP (Immunoprecipitation)
Immunoprecipitating FKBP4 in MCF-7 whole cell lysate Lane 1: Rabbit monoclonal IgG(1ug)instead of AAA119422 in MCF-7 whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000) Lane 2: AAA119422(4ug)+ MCF-7 whole cell lysate(500ug) Lane 3: MCF-7 whole cell lysate (20ug)



WB (Western Blot)
All lanes: Peptidyl-prolyl cis-trans isomerase FKBP4 antibody at 1ug/ml Lane 1: Hela whole cell lysate Lane 2: MCF-7 whole cell lysate Secondary Goat polyclonal to rabbit at 1/10000 dilution Predicted band size: 52kDa Observed band size: 52kDa

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP4 antibody	Immunophilin protein with PPIase and co-chaperone activities. Component of steroid receptors heterocomplexes through interaction with heat-shock protein 90 (HSP90). May play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors between cytoplasm and nuclear compartments. The isomerase activity controls neuronal growth cones via regulation of TRPC1 channel opening. Acts also as a regulator of microtubule dynamics by inhibiting MAPT/TAU ability to promote microtubule assembly. May have a protective role against oxidative stress in mitochondria.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503729
NCBI GeneID	2288
NCBI Accession #	NP_002005.1
NCBI GenBank Nucleotide #	NM_002014.3
UniProt Accession #	Q02790; Q9UCP1; Q9UCV7; D3DUQ1
Molecular Weight	51,805 Da

NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP4
NCBI Official Synonym Full Names	FK506 binding protein 4
NCBI Official Symbol	FKBP4
NCBI Official Synonym Symbols	HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPIase
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP4
UniProt Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP4
UniProt Gene Name	FKBP4
UniProt Synonym Gene Names	FKBP52; PPIase FKBP4; FKBP51; 52 kDa FKBP; FKBP-52; p59; FKBP-4; HBI
UniProt Entry Name	FKBP4_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/polyclonal/peptidyl-prolyl-cis-trans-isomerase-fkbp4-antibody-immunoprecipitation-immunohistochemistry-western-blot-elisa/119422>