

Rabbit anti-Human, Pig FKBP4 Polyclonal Antibody | anti-FKBP4 antibody

FKBP4 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197096	Rabbit	Human, Pig	Immunohistochemistry, Western Blot

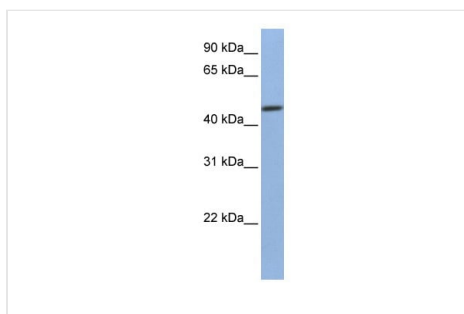
PRODUCT SYNONYMS

FKBP4; Polyclonal Antibody; FKBP4 antibody - C-terminal region; anti-FKBP4 antibody

PRODUCT SPECIFICATIONS

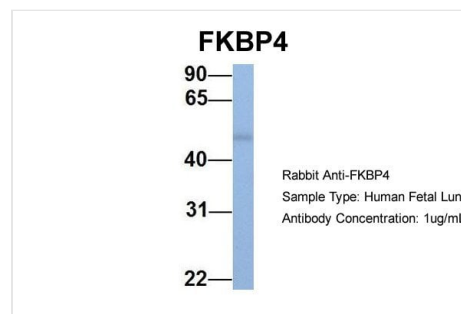
Host	Rabbit
Reactivity	Human, Pig
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: AN MFERLAEEN KAKAEASSGD HPTDTEMKEE QKSNTAGSQS QVETEA
Sequence Length	459
Applicable Applications for anti-FKBP4 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Human: 100%; Pig: 75%
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human FKBP4
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



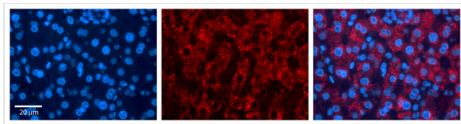
WB (Western Blot)

WB Suggested Anti-FKBP4 Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
FKBP4 is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



WB (Western Blot)

Host: Rabbit
Target Name: FKBP4
Sample Type: Human Fetal Lung
Antibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
 FKBP4 antibody - C-terminal region
 Formalin Fixed Paraffin Embedded Tissue: Human Liver
 Tissue Observed Staining: Cytoplasm in hepatocytes
 Primary Antibody Concentration: 1:100
 Other Working Concentrations: 1/600
 Secondary Antibody: Donkey anti-Rabbit-Cy3
 Secondary Antibody Concentration: 1:200
 Magnification: 20X
 Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP4 antibody	This is a rabbit polyclonal antibody against FKBP4. It was validated on Western Blot using a cell lysate as a positive control. Target Description: FKBP4 is a component of unactivated mammalian steroid receptor complexes that sediment at 8-10 S. It may have a rotamase activity. FKBP4 may play a role in the intracellular trafficking of heterooligomeric forms of steroid hormone receptors. The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It has high structural and functional similarity to FK506-binding protein 1A (FKBP1A), but unlike FKBP1A, this protein does not have immunosuppressant activity when complexed with FK506. It interacts with interferon regulatory factor-4 and plays an important role in immunoregulatory gene expression in B and T lymphocytes. This encoded protein is known to associate with phytanoyl-CoA alpha-hydroxylase. It can also associate with two heat shock proteins (hsp90 and hsp70) and thus may play a role in the intracellular trafficking of hetero-oligomeric forms of the steroid hormone receptors. This protein correlates strongly with adeno-associated virus type 2 vectors (AAV) resulting in a significant increase in AAV-mediated transgene expression in human cell lines. Thus this encoded protein is thought to have important implications for the optimal use of AAV vectors in human gene therapy. This gene has been found to have multiple polyadenylation sites. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Product Categories/Family for anti-FKBP4 antibody	Polyclonal; Neuroscience; DNA/RNA/Protein Interactions; Immunohistochemistry

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503729
NCBI GeneID	2288
NCBI Accession #	NP_002005
NCBI GenBank Nucleotide #	NM_002014
UniProt Accession #	P30416; Q02790
Molecular Weight	52kDa
NCBI Official Full Name	peptidyl-prolyl cis-trans isomerase FKBP4
NCBI Official Synonym Full Names	FKBP prolyl isomerase 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	Fkpb52; PPIase FKBP4; 52 kDa FKBP; FKBP-52; p59; FKBP-4; HBI
UniProt Entry Name	FKBP4_MOUSE

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/fkbp4-antibody-immunohistochemistry-western-blot-elisa/197096>