

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

FKBP4 (FK506-binding Protein 4, Peptidyl-prolyl cis-trans Isomerase FKBP4, PPlase FKBP4, Rotamase, HSP-binding Immunophilin, HBI, FKBP52 Protein, 52kD FK506-binding Protein, 52kD FKBP, FKBP-52, 59kD Immunophilin, FKBP59, p59 Protein, FKBP-4, FKBP52) APC

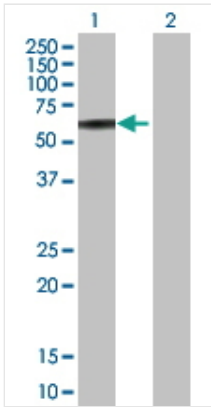
CATALOG # AAA26867	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

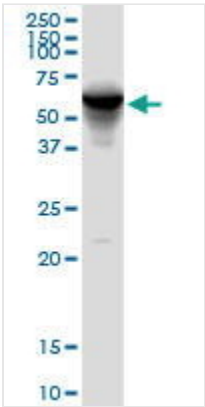
FKBP4; Polyclonal Antibody; FKBP4 (FK506-binding Protein 4; Peptidyl-prolyl cis-trans Isomerase FKBP4; PPlase FKBP4; Rotamase; HSP-binding Immunophilin; HBI; FKBP52 Protein; 52kD FK506-binding Protein; 52kD FKBP; FKBP-52; 59kD Immunophilin; FKBP59; p59 Protein; FKBP-4; FKBP52) APC; anti-FKBP4 antibody

PRODUCT SPECIFICATIONS

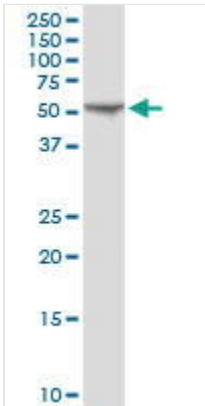
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human FKBP4. Species Crossreactivity: mouse.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Applicable Applications for anti-FKBP4 antibody	WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Full length human FKBP4, aa1-459 (NP_002005.1).
Immunogen Sequence	MTAEEMKATESGAQSAPLPMEGVDISPKQDEGVLLKVIKREGTGTEMPMIGDRV FVHYTGWLLDGTGKFDSSLDRKDKFSFDLGKGEVIKAWDIAITMKVG
Conjugate	APC
Note	Preservative Free
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo



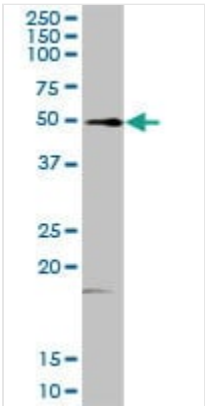
WB (Western Blot)
Western Blot analysis of FKBP4 expression in transfected 293T cell line by FKBP4 polyclonal antibody. Lane 1: FKBP4 transfected lysate (51.8kD). Lane 2: Non-transfected lysate.



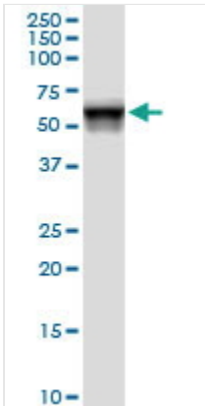
WB (Western Blot)
FKBP4 rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in K-562.



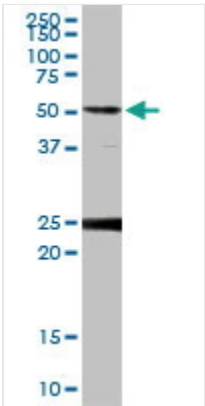
WB (Western Blot)
FKBP4 rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in Jurkat.



WB (Western Blot)
FKBP4 rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in mouse testis.



WB (Western Blot)
FKBP4 rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in mouse spleen.



WB (Western Blot)
FKBP4 rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in human pancreas.

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP4 antibody	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. The human genome contains several non-transcribed pseudogenes similar to this gene.
Product Categories/Family for anti-FKBP4 antibody	Antibodies ; Enzymes ; Isomerase

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503729
NCBI GeneID	2288
NCBI Accession #	NP_002005.1
NCBI GenBank Nucleotide #	NM_002014
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, 59kDa
NCBI Official Symbol	FKBP4
NCBI Official Synonym Symbols	HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPIase
NCBI Protein Information	peptidyl-prolyl cis-trans isomerase FKBP4; 51 kDa FK506-binding protein; FK506-binding protein 4 (59kD); HSP binding immunophilin; T-cell FK506-binding protein, 59kD; peptidylprolyl cis-trans isomerase; rotamase
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/fkbp4-antibody-western-blot-elisa/26867>