Rabbit anti-Human FKBP52 Polyclonal Antibody | anti-FKBP52 antibody

FKBP52 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA304111	**Rabbit**	**Human**	**Immunofluorescence, Immunohistochemistry, Western Blot**

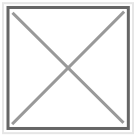
PRODUCT SYNONYMS

FKBP52; Polyclonal Antibody; FKBP52 antibody; anti-FKBP52 antibody

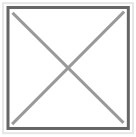
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 20% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	459
Applicable Applications for anti-FKBP52 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 177 of FKBP52
Target Name	FKBP52
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of paraformaldehyde-fixed A431, using FKBP52 antibody at 1: 200 dilution.



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using FKBP52 antibody at 1: 500 dilution.

Application Data
Sample (30 ug of whole cell lysate) A: H1299 10% SDS PAGE Primary antibody diluted at 1: 5000

ADDITIONAL INFORMATION

Related Product Information for anti-FKBP52 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. [provided by RefSeq]
Product Categories/Family for anti-FKBP52 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	12804711
NCBI GeneID	2288
Molecular Weight	51,805 Da
NCBI Official Full Name	FK506 binding protein 4, 59kDa
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
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/fkbp52-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/304111