



Catalog: OM105147

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Rabbit anti-FKBP4 polyclonal antibody - C-terminal region

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☐ 100ug

Product profile

Product name	Rabbit anti-FKBP4 polyclonal antibody - C-terminal region
Antibody Type	Primary Antibodies
Immunogen	The immunogen for anti-FKBP4 antibody: synthetic peptide directed towards the C terminal of human FKBP4

Key Feature

Clonality	Polyclonal
Isotype	IgG
Host Species	Rabbit
Tested Applications	WB ,IHC
Species Reactivity	Human
Concentration	1 mg/ml
Purification	Affinity purified

Target Information

Gene Symbol	FKBP4
Gene Synonyms	FKBP52; FKBP59; HBI; Hsp56; PPlase; p52; FKBP51
Gene Full Name	FK506 binding protein 4, 59kDa
Gene Summary	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. I

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.

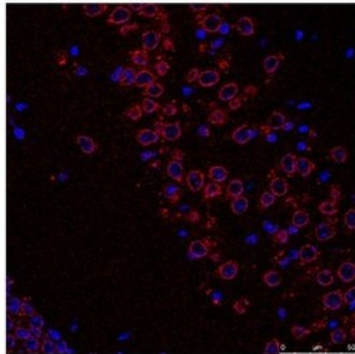
Alternative Names	FKBP52, FKBP59, HBI, Hsp56, PPlase, p52, FKBP51
Molecular Weight(MW)	52kDa
Sequence	459 amino acids

Database Links

Entrez Gene	2288
SwissProt ID	P30416
Protein Accession	NP_002005

Application

FKBP4



Immunohistochemical

Sample Type: Mouse Brain Slices

Red: primary

Blue: DAPI

Primary

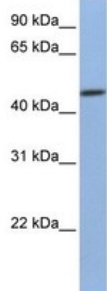
Dilution: 1:400

Secondary Antibody: Anti-Rabbit IgG Alexa 594

Secondary

Dilution: 1:400

Image Submitted By: Adahir Labrador-Garrido and Cintia Roodveldt
University of Seville



Western blot

0.2-1 ug/ml

Positive Control: 721_B cell lysate

IHC:1:50~1:200

Notes:Optimal dilutions/concentrations should be determined by the researcher.

Additional Information

Form	Liquid
Storage Instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles
Storage Buffer	phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Note	The product is for research use only,not for use in diagnostic or therapeutic procedures.

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This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt
