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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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FKBP4 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00002288-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human FKBP4 protein.

Immunogen: FKBP4 (NP_002005.1, 1 a.a. ~ 459 a.a) full-length human protein.

Sequence:
 MTAEEMKATESGAQSAPLPMEGVDISPKQDEGVLKVIKREGTGTEMPMI
 GDRVHVHYTGWLLDGTKFDSSLDRKDKFSFDLKGKEVIKAWDIAIATMK
 VGEVCHITCKPEYAYGSAGSPPKIPP NATLVFEVLF EFKGEDLTEEEDG
 GIIRRIQTRGEGYAKPNEGAI VEVALEGYKDKLFDQREL RFEIGEENLD
 LPYGLERAIQRMEKGEHSIVYLKPSYAFGSV GKEKFQIPPNAELKYELHLK
 SFEKAKESWEMNSEEKLEQSTIVKERTVYFKEGKYQALLQYKKIVSW
 LEYESSFSNEEAQKAQALRLASHLNLAMCHLKLQAFSA AIESCNKALELD
 SNNEKGLFRRGEAHLAVNDFELARADFQKVLQLY PNNKAAKQLAVCQ
 QRIRRLAREKKLYANMFERLAEEENKAKAEASSGDHPTDTEMKEEQKS
 NTAGSQSQVETEA

Host: Rabbit

Reactivity: Human, Mouse

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

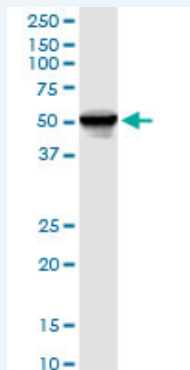
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)


Datasheet:  [Download](#)

Applications

Western Blot (Tissue lysate)



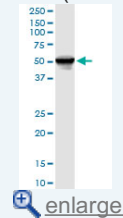
FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in human liver.

 [Protocol Download](#)

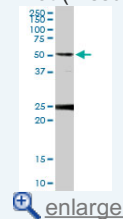
Western Blot (Tissue lysate)

Application Image

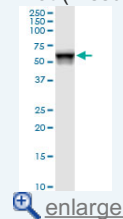
Western Blot (Tissue lysate)



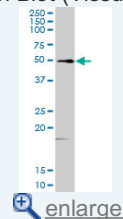
Western Blot (Tissue lysate)



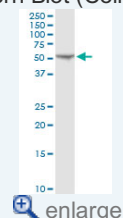
Western Blot (Tissue lysate)



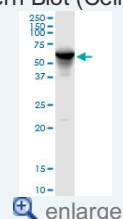
Western Blot (Tissue lysate)



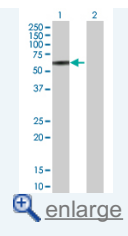
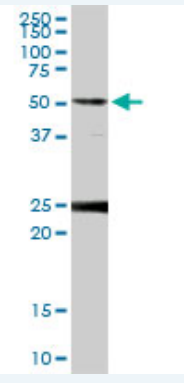
Western Blot (Cell lysate)



Western Blot (Cell lysate)



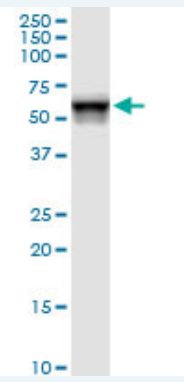
Western Blot (Transfected lysate)



FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in human pancreas.

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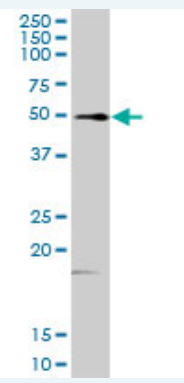
Western Blot (Tissue lysate)



FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in mouse spleen.

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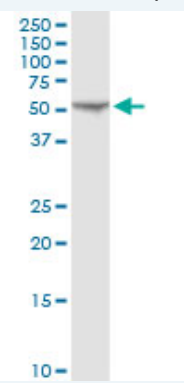
Western Blot (Tissue lysate)



FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in mouse testis.

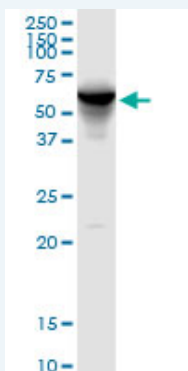
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Western Blot (Cell lysate)



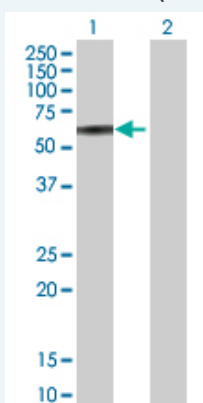
FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in Jurkat.

Western Blot (Cell lysate)



FKBP4 MaxPab rabbit polyclonal antibody. Western Blot analysis of FKBP4 expression in K-562.

Western Blot (Transfected lysate)



Western Blot analysis of FKBP4 expression in transfected 293T cell line ([H00002288-T01](#)) by FKBP4 MaxPab polyclonal antibody.

Lane 1: FKBP4 transfected lysate(51.80 KDa).

Lane 2: Non-transfected lysate.

Gene Information

Entrez GeneID: [2288](#)

GeneBank [NM_002014](#)
Accession#:

Protein [NP_002005.1](#)
Accession#:

Gene Name: FKBP4

Gene Alias: FKBP52,FKBP59,HBI,Hsp56,PPlase,p52

Gene Description: FK506 binding protein 4, 59kDa

Omim ID: [600611](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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

Other Designations: 52 kD FK506 binding protein,FK506 binding protein 4 (59kD),FK506 binding protein 52,FK506-binding protein 4 (59kD),HSP binding immunophilin,T-cell FK506-binding protein, 59kD,p59 protein,peptidylprolyl cis-trans isomerase,rotamase

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