

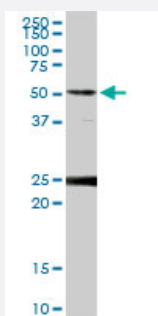
MaxPab®

FKBP4 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00002288-D01P

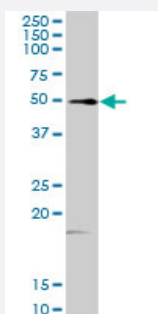
Size 100 ug

Applications



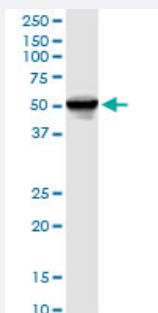
Western Blot (Tissue lysate)

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



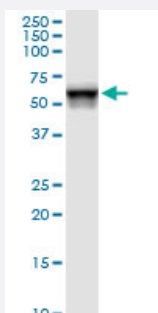
Western Blot (Tissue lysate)

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



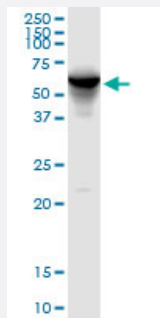
Western Blot (Tissue lysate)

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



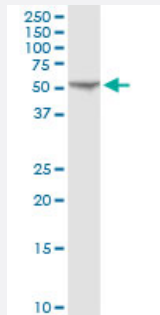
Western Blot (Tissue lysate)

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



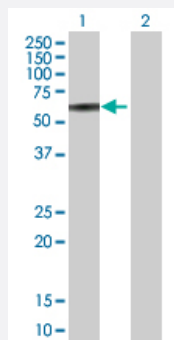
Western Blot (Cell lysate)

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



Western Blot (Cell lysate)

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



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.

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

MTAEEMKATESGAQSAPLPMEGVDISPKQDEGVLKVIKREGTGTEMPMIGDRV FVHYTGWLLDG
TKFDSSSLDRKDKFSFDLGKGEVIKAWDIAIATMKVGEVCHITCKPEYAYGSAGSPPKIPPNATLVF
EVELFEFKGEDLTEEEDGGIIRRIQTRGEGYAKPNEGAVEVALEGYYKDKLFDQRELRF EIGEGEN
LDLPYGLERAIQRMEKGEHSIVLKPSYAFGSVGKEKFQIPPNAELKYELHLKSFEKAKESWEMNS
EEKLEQSTIVKERGT VYFKEGKYQALLQYKKIMSWLEYESSFSNEEAQKAQALRLASHLNLAMC
HLKLQAFSAAIESCNKALELDSNNEKGLFRRGEAHLAVNDFELARADFQKVLQLYPNNKAAKTQL
AVCQQRIRRLAREKKLYANMFERLAEENKAKAEASSGDHPTDTEMKEEQKSNTAGSQSQVE
TEA

Host

Rabbit

Reactivity

Human, Mouse

Interspecies Antigen Sequence

Mouse (90); Rat (90)

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.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- Western Blot (Cell lysate)

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

[Protocol Download](#)

- 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.

[Protocol Download](#)

Gene Info — FKBP4

Entrez GeneID [2288](#)

GeneBank Accession# [NM_002014](#)

Protein Accession# [NP_002005.1](#)

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

Disease

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- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hypospadias](#)
- [Syndrome](#)