

产品名称: FKBP52 Rabbit Monoclonal Antibody
产品货号: AMRe87097



产品概述 (Summary)

产品名称 (Production Name)	FKBP52 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	FKBP52
别名 (Alternative Names)	HBI; p52; Hsp56; FKBP51; FKBP52; FKBP59; PPIase
基因 ID (Gene ID)	2288
蛋白 ID (SwissProt ID)	Q02790.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:200-1:500,ICC/IF 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW:52 kDa; Observed MW:52 kDa

研究背景 (Background)

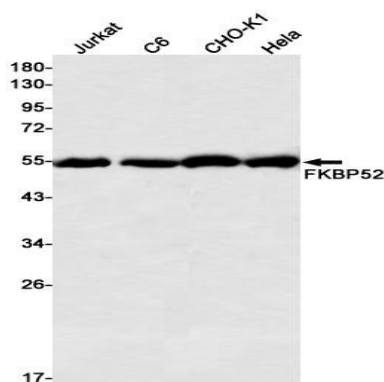
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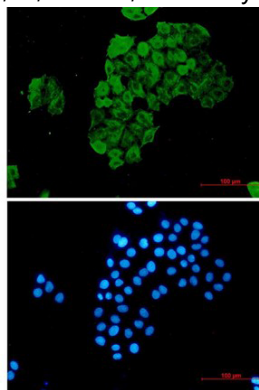
The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. 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, Sep 2008]

研究领域 (Research Area)

图片 (Image Data)

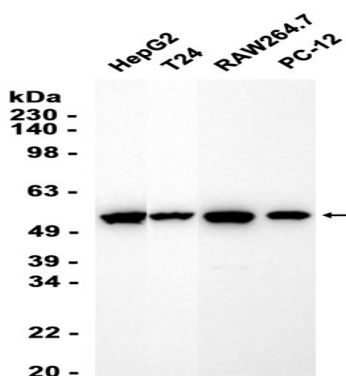


Western blot detection of FKBP52 in Jurkat,C6,CHO-K1,HeLa cell lysates using FKBP52 antibody(1:500 diluted).



Immunofluorescent analysis of HeLa cells using AMRe87097 antibody (green), and DAPI (blue).

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Western blot analysis of extracts from HepG2,T24,RAW264.7,PC-12 cells using AMRe87097 at 1:3000.

注意事项 (Note)

For research use only .