



FKBP3 Polyclonal Antibody

Catalog No	YP-Ab-07270
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	FKBP3 FKBP25
Immunogen	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity	FKBP3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FKBP25;FKBP 3;FKBP 25;FK506-binding protein 3;EC:5.2.1.8;FKBP3;FKBP3 FKBP25;Peptidyl-prolyl cis-trans isomerase FKBP3 (PPIase FKBP3) (EC 5.2.1.8) (25 kDa FK506-binding protein) (25 kDa FKBP) (FKBP-25) (FK506-binding protein 3) (FKBP-3) (Immunophilin FKBP25) (Rapamycin-selecti
Observed Band	24kD
Calculated Molecular Weight	24kD
Cell Pathway	Nucleus.
Tissue Specificity	Human small intestine,Skeletal muscle,Skin,Thymus,
Function	catalytic activity:Peptidylproline (omega=180) = peptidylproline (omega=0)., enzyme regulation:Inhibited preferentially by rapamycin over FK506., function:FK506- and rapamycin-binding proteins (FKBPs) constitute a family of receptors for the two immunosuppressants which inhibit T-cell proliferation by arresting two distinct cytoplasmic signal transmission pathways. PPIases accelerate the folding of proteins.,similarity:Belongs to the FKBP-type PPIase family.,similarity:Contains 1 PPIase FKBP-type domain.,



Background

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 the immunosuppressants FK506 and rapamycin, as well as histone deacetylases, the transcription factor YY1, casein kinase II, and nucleolin. It has a higher affinity for rapamycin than for FK506 and thus may be an important target molecule for immunosuppression by rapamycin. [provided by RefSeq, Sep 2008],

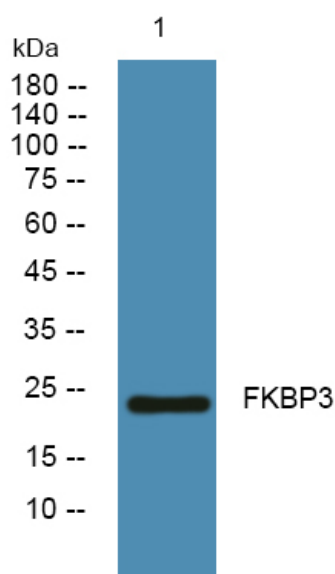
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night