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FKBP3 Rabbit pAb

Catalog No.: A6907

Basic Information

Observed MW
30kDa

Calculated MW
25kDa

Category
Primary antibody

Applications
WB,IP,ELISA

Cross-Reactivity
Human

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.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5μg-4μg antibody for 200μg-400μg extracts of whole cells
ELISA	Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
2287

Swiss Prot
Q00688

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
FKBP-3; FKBP25; PPIase; FKBP-25; FKBP3

Contact

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Product Information

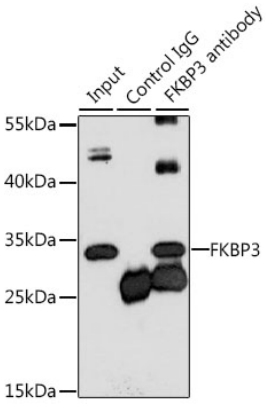
Source
Rabbit

Isotype
IgG

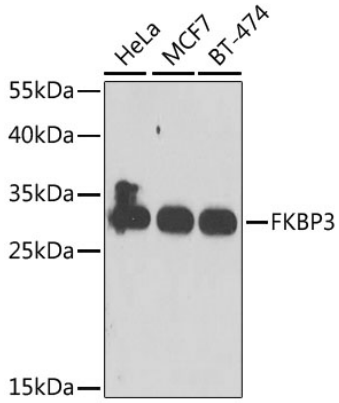
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Validation Data



Immunoprecipitation analysis of 200 µg extracts of MCF-7 cells, using 3 µg FKBP3 antibody (A6907). Western blot was performed from the immunoprecipitate using FKBP3 antibody (A6907) at a dilution of 1:1000.



Western blot analysis of various lysates using FKBP3 Rabbit pAb (A6907) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 30s.