

FKBP3 Rabbit pAb

Catalog No.: A6907

Basic Information

Observed MW

30kDa

Calculated MW

25kDa

Category

Primary antibody

Applications

ELISA, WB, IP

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

Immunogen Information

Gene ID

2287

Swiss Prot

Q00688

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-224 of human FKBP3 (NP_002004.1).

Synonyms

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

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

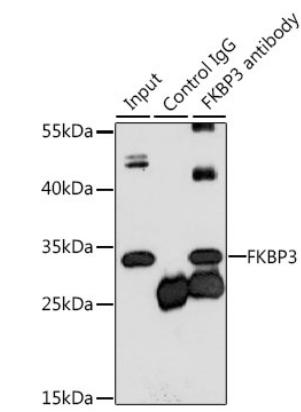
Affinity purification

Storage

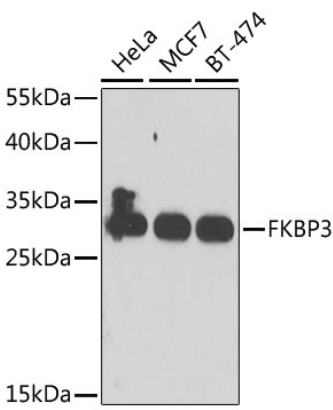
Store at -20°C. Avoid freeze / thaw cycles.

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 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.