

FKBP51/FKBP5 Rabbit pAb

Catalog No.: A3863 **2 Publications**

Basic Information

Observed MW

51kDa

Calculated MW

51kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse, Rat

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 to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:200 - 1:2000

Immunogen Information

Gene ID

2289

Swiss Prot

Q13451

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 308-457 of human FKBP51/FKBP5 (NP_001139247.1).

Synonyms

P54; AIG6; FKBP51; FKBP54; PPIase; Ptg-10; FKBP51/FKBP5

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

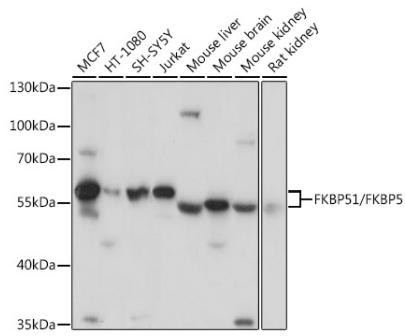
Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using FKBP51/FKBP5 Rabbit pAb (A3863) at 1:3000 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 Basic Kit (RM00020).

Exposure time: 1s.