Product datasheet for TA335071

FKBP51 (FKBP5) Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies
Applications: IHC, WB
Recommend Dilution: WB, IHC
Reactivity: Human, Mouse
Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
Immunogen: The immunogen for anti-FKBP5 antibody: synthetic peptide directed towards the C terminal of human FKBP5. Synthetic peptide located within the following region:
CYLKLREYTKAVECCDKALGLDSANEKGLYRRGEAQLLMNEFESAKGD
Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Note that this product is shipped as lyophilized powder to China customers.
Purification: Affinity Purified
Storage: Store at -20°C as received.
Stability: Stable for 12 months from date of receipt.
Predicted Protein Size: 51 kDa
Gene Name: FK506 binding protein 5
Database Link: NP_004108 Entrez Gene 14229 MouseEntrez Gene 2289 Human
FKBP5 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. It 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. 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. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Synonyms: AIG6; FKBP51; FKBP54; P54; PPlase; Ptg-10

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 79%

Protein Families: Druggable Genome

Product images:

WB Suggested Anti-FKBP5 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 312500; Positive Control: HepG2 cell lysate
Brain, cortex