

## Product datasheet for **TA335070**

### FKBP51 (FKBP5) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FKBP5 antibody is: synthetic peptide directed towards the middle region of Human FKBP5. Synthetic peptide located within the following region: KMQREEQCILYLGPRYGFGEAGKPKFGIEPNAELIYEVTLKSEKAKESW
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
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:	<a href="#">NP_004108</a> <a href="#">Entrez Gene 14229 Mouse</a> <a href="#">Entrez Gene 2289 Human</a> <a href="#">Q13451</a>



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<b>Background:</b>	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.
<b>Synonyms:</b>	AIG6; FKBP51; FKBP54; P54; PPIase; Ptg-10
<b>Note:</b>	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 92%
<b>Protein Families:</b>	Druggable Genome

**Product images:**

Host: Rabbit; Target Name: FKBP5; Sample Tissue: Thymus Tumor lysates; Antibody Dilution: 1.0 ug/ml