

## Product datasheet for **TA358863**

### FKBP12 (FKBP1A) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 90%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 83%; Zebrafish: 93%
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>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	12kDa
Gene Name:	FK506 binding protein 1A
Database Link:	<a href="#">NP_000792</a> <a href="#">Entrez Gene 2280 Human</a> <a href="#">P62942</a>



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**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. The protein is a cis-trans prolyl isomerase that binds the immunosuppressants FK506 and rapamycin. It interacts with several intracellular signal transduction proteins including type I TGF-beta receptor. It also interacts with multiple intracellular calcium release channels, and coordinates multi-protein complex formation of the tetrameric skeletal muscle ryanodine receptor. In mouse, deletion of this homologous gene causes congenital heart disorder known as noncompaction of left ventricular myocardium.

**Synonyms:**

FKBP-1A; FKBP-12; FKBP1; FKBP12; FKBP12-Exip3; FKBP12C; PKC12; PKC12; PPIASE; rotamase

**Protein Families:**

Druggable Genome

**Product images:**


WB Suggested Anti-FKBP1A Antibody  
Titration: 1.0 ug/ml  
Positive Control: Placenta



Host: Rabbit  
Target Name: FKBP1A  
Sample Type: THP-1 Cell Lysate  
Antibody Dilution: 1.0µg/ml

Host: Rabbit  
Target Name: FKBP1A  
Sample Tissue: Human THP-1 Whole Cell  
Antibody Dilution: 1 ug/ml