

Product datasheet for **TA358866**

FKBP12 (FKBP1A) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 93%; Zebrafish: 86%
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:	NP_000792 Entrez Gene 14225 Mouse Entrez Gene 2280 Human P62942



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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; PKCI2; PPIASE; rotamase

Protein Families:

Druggable Genome

Product images:


WB Suggested Anti-FKBP1A Antibody

Titration: 1.0 ug/ml

Positive Control: 721_B Whole CellFKBP1A is strongly supported by BioGPS gene expression data to be expressed in Human 721_B cells



Host: Rabbit

Target Name: Fkbp1a

Sample Type: Mouse Brain Lysate

Antibody Dilution: 1.0µg/ml

Host: Mouse

Target Name: FKBP1A

Sample Tissue: Mouse Brain

Antibody Dilution: 1ug/ml