

### **Product datasheet for TA358866**

# OriGene Technologies, Inc.

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## 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.

Note that this product is shipped as lyophilized powder to China customers.

**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 MouseEntrez Gene 2280 Human

P62942



#### FKBP12 (FKBP1A) Rabbit Polyclonal Antibody - TA358866

#### 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.

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

**Protein Families:** Druggable Genome

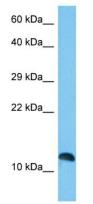
# **Product images:**



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