

## Product datasheet for TA356699

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## **Fxn Rabbit Polyclonal Antibody**

**Product data:** 

**Product Type: Primary Antibodies** 

**Applications:** WB

Reactivity: Mouse Host: Rabbit

Clonality: Polyclonal

Specificity: Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat

Homology: Cow: 100%; Dog: 93%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 93%;

Rabbit: 86%; Rat: 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:** 23kDa Gene Name: frataxin **Database Link:** NP 032070

Entrez Gene 14297 Mouse

035943

Background: Fxn promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by

> delivering Fe2+ to proteins involved in these pathways. It may play a role in the protection against iron-catalyzed oxidative stress through its ability to catalyze the oxidation of Fe2+ to Fe3+; the oligomeric form but not the monomeric form has in vitro ferroxidase activity. It may

be able to store large amounts of iron in the form of a ferrihydrite mineral by

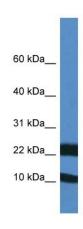
oligomerization. It modulates the RNA-binding activity of ACO1.





**Synonyms:** CyaY; FA; FARR; frataxin; FRDA; MGC57199; X25

## **Product images:**



WB Suggested Anti-Fxn Antibody Titration: 1.0 ug/ml

Positive Control: Mouse Heart