

Product datasheet for **TA356699**

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. <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:	23kDa
Gene Name:	frataxin
Database Link:	NP_032070 Entrez Gene 14297 Mouse O35943
Background:	Fxn promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe ²⁺ 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 Fe ²⁺ to Fe ³⁺ ; 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.



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

Product images:



WB Suggested Anti-Fxn Antibody
Titration: 1.0 ug/ml
Positive Control: Mouse Heart