

OriGene Technologies, Inc.

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Product datasheet for TA356948

Fxn Rabbit Polyclonal Antibody

Product data:

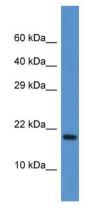
Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Rat
Specificity:	Expected reactivity : Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology : Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 92%; Zebrafish: 92%
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:	<u>NP_001178881</u> <u>Entrez Gene 499335 Rat</u> <u>D3ZYW7</u>



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	Fxn Rabbit Polyclonal Antibody – TA356948
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. Fxn 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: Rat Heart

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