

Product datasheet for **TA327162**

Frataxin (FXN) Rabbit Polyclonal Antibody

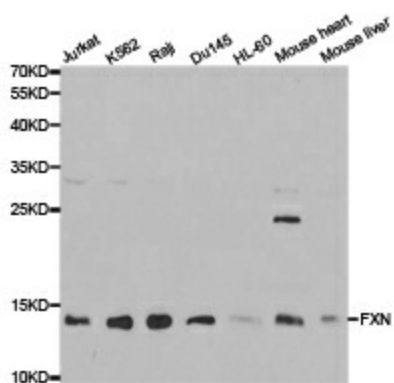
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human FXN
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	frataxin
Database Link:	NP_000135 Entrez Gene 14297 Mouse Entrez Gene 499335 Rat Entrez Gene 2395 Human Q16595
Background:	FXN, also named as FRDA, X25, m81-FXN, d-FXN, m78-FXN and i-FXN, belongs to the frataxin family. It promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe ²⁺ to proteins involved in these pathways. FXN 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. FXN is cleaved to be 4 chains. The mature form of FXN is 14kd or 18kd.
Synonyms:	CyaY; FA; FARR; FRDA; X25
Protein Families:	Druggable Genome

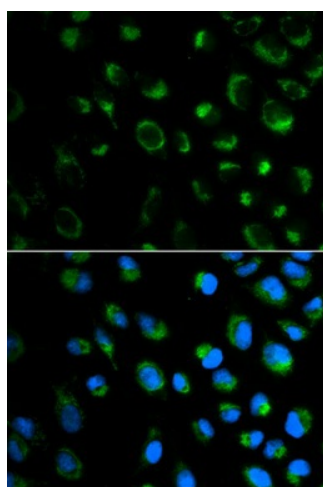


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Product images:



Western blot analysis of extracts of various cell lines, using FXN antibody.



Immunofluorescence analysis of MCF7 cell using FXN antibody. Blue: DAPI for nuclear staining.