

## Product datasheet for **TA387979M**

### Fxn Rabbit Polyclonal Antibody

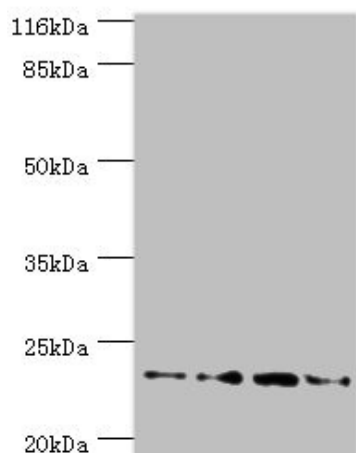
#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	Recommended dilution: WB:1:500-1:5000
Reactivity:	Mouse, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Mouse Frataxin, mitochondrial protein (78-207AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	<a href="#">Q35943</a>
Background:	Promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe <sup>2+</sup> to proteins involved in these pathways. May play a role in the protection against iron-catalyzed oxidative stress through its ability to catalyze the oxidation of Fe <sup>2+</sup> to Fe <sup>3+</sup> ; the oligomeric form but not the monomeric form has in vitro ferroxidase activity. May be able to store large amounts of iron in the form of a ferrihydrite mineral by oligomerization. Modulates the RNA-binding activity of ACO1 (By similarity).



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## Product images:



### Western blot

All lanes: Fxn antibody at 2 $\mu$ g/ml

Lane 1: HepG2 whole cell lysate

Lane 2: Hela whole cell lysate

Lane 3: Mouse brain tissue

Lane 4: Jurkat whole cell lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 23 kDa

Observed band size: 23 kDa