

Product datasheet for **AM21056PU-N**

Frataxin (FXN) Mouse Monoclonal Antibody [Clone ID: 2FRA-1G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2FRA-1G2
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Frozen Sections: Not tested. Immunohistochemistry on Paraffin Sections: 20 µg/ml (1/10). Proteinase K pretreatment for antigen retrieval recommended. <i>Suggested Positive Control:</i> Swine brain cortex.
Reactivity:	Human, Porcine
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	TrpE-Frataxin full length.
Specificity:	This Monoclonal antibody Clone 2FRA-1G2 recognizes Human Frataxin. Frataxin is localized to the mitochondrion. Antigen Distribution: The antigen has been described in the heart, peripheral blood lymphocytes and dermal fibroblasts.
Formulation:	Stock solution contains PBS, pH 7.2 with 5mg/ml BSA as stabilizer and 0.01% Kathon as a preservative State: Aff - Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore by adding 0.5 ml distilled water
Concentration:	0.5 mg/ml (after reconstitution)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Prior to reconstitution store at 2-8°C. Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.



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Stability: Shelf life: one year from despatch.

Gene Name: frataxin

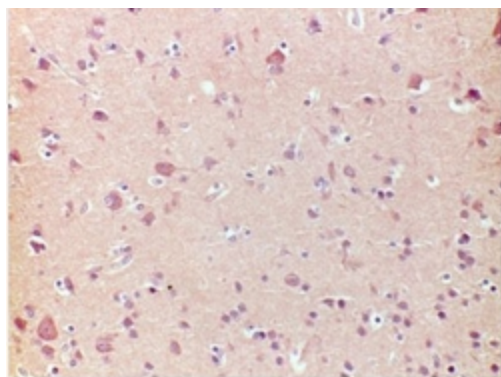
Database Link: [Entrez Gene 2395 Human Q16595](#)

Background: The function of frataxin is not entirely clear, but it seems to be involved in assembly of iron-sulfur clusters. It has been proposed to act as either an iron chaperone or an iron storage protein.

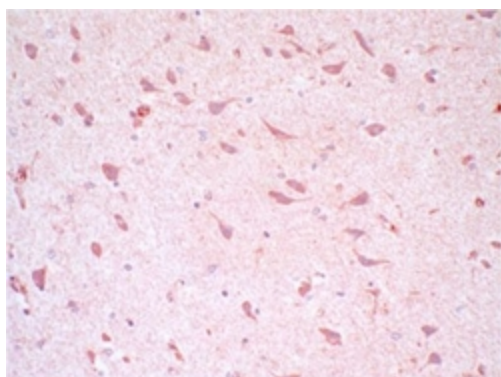
Synonyms: Frataxin mitochondrial, FRDA, Friedreich ataxia protein

Protein Families: Druggable Genome

Product images:



Frataxin antibody staining of Paraffin Human Brain Cortex Section (Clone 2FRA-1G2)



Frataxin antibody staining of Paraffin Swine Brain Cortex Section (Clone 2FRA-1G2)