

Frataxin/FXN Monoclonal Antibody(Capture)

catalog number: AN001940P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

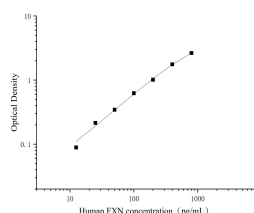
Reactivity	Human
Immunogen	Recombinant Human Frataxin/FXN protein expressed by E.coli
Host	Rat
Isotype	Rat IgG2b
Clone	1B1
Purification	Protein A/G Purification
Conjugation	Unconjugated
buffer	Phosphate buffered solution, pH 7.2, containing 0.05% proclin 300.

Applications

Recommended Dilution

ELISA Capture	2-8 µg/mL
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Data



Sandwich ELISA-Recombinant Human Frataxin/FXN protein standard curve. Background subtracted standard curve using Frataxin/FXN antibody(AN000510P)(Capture), Frataxin/FXN antibody(AN000510P)(Detector) in sandwich ELISA. The reference range value for Recombinant Human Frataxin/FXN protein is 12.5-800 pg/ml.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

This nuclear gene encodes a mitochondrial protein which belongs to the FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA from 8-33 repeats to >90 repeats results in Friedreich ataxia. Alternative splicing results in multiple transcript variants.

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