

FXN

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 23kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human FXN

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CyaY; FA; FARR; FRDA; MGC57199; X25;

Catalog #: A1745

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 2395

Isotype: IgG

Swiss Prot: Q16595

Purity: Affinity purification

For research use only.

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 Fe²⁺ 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 Fe²⁺ to Fe³⁺; 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.

To place an order, please [Click HERE](#).