

Rabbit anti-Human, Mouse FXN/Frataxin Polyclonal Antibody | anti-FXN antibody

FXN/Frataxin Polyclonal Antibody

CATALOG # AAA22317	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Immunofluorescence
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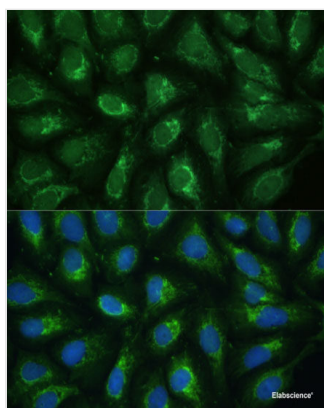
PRODUCT SYNONYMS

FXN/Frataxin; Polyclonal Antibody; FXN/Frataxin Polyclonal Antibody; FXN; CyaY; FA; FARR; FRDA; X25; frataxin; anti-FXN antibody

PRODUCT SPECIFICATIONS

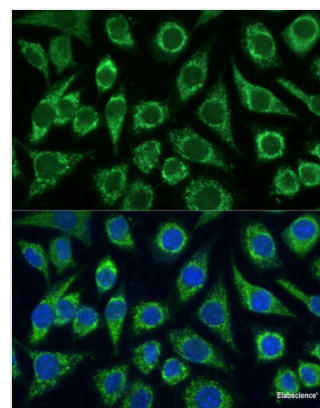
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-FXN antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	IHC: 1:50-1:100 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human FXN/Frataxin
Research Area	Cancer, Metabolism, Signal Transduction, Tags and Cell Markers
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



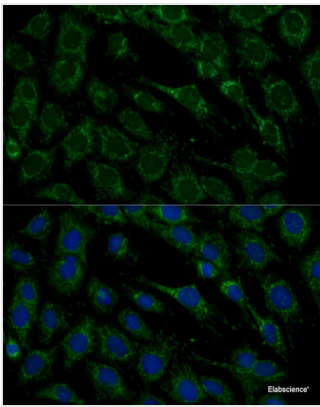
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using FXN/Frataxin Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



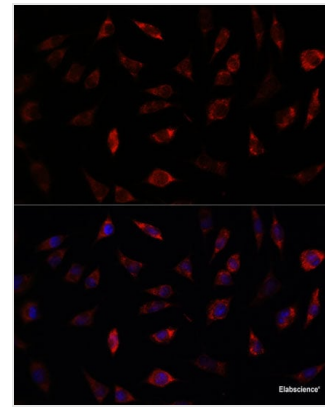
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using FXN/Frataxin Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



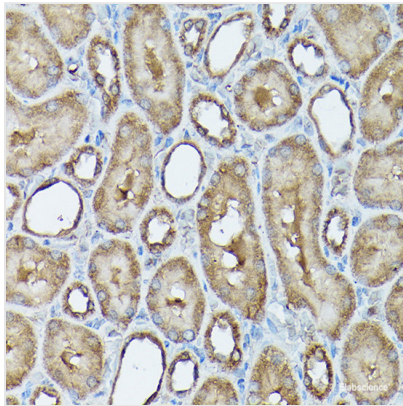
IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using FXN/Frataxin Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



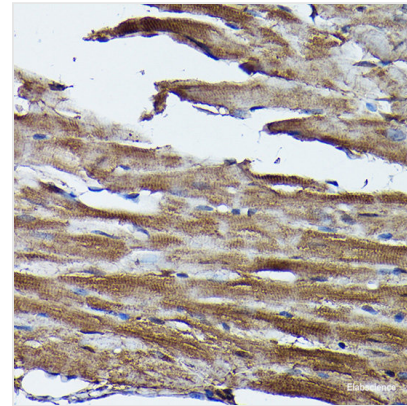
IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using FXN/Frataxin Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using FXN/Frataxin Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse heart using FXN/Frataxin Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-FXN antibody	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.
Product Categories/Family for anti-FXN antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166193
NCBI GeneID	2395
UniProt Accession #	Q16595 ; O15545 ; O95656 ; Q15294 ; Q5VZ01 ; A8MXJ6 ; C9JJ89
Molecular Weight	210
NCBI Official Full Name	Frataxin, mitochondrial
NCBI Official Synonym Full Names	frataxin
NCBI Official Symbol	FXN
NCBI Official Synonym Symbols	FA; X25; CyaY; FARR; FRDA
NCBI Protein Information	frataxin, mitochondrial; Friedreich ataxia protein

UniProt Protein Name	Frataxin, mitochondrial
UniProt Gene Name	FXN
UniProt Synonym Gene Names	FRDA; X25; Fxn; i-FXN
UniProt Entry Name	FRDA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/fxn-frataxin-antibody-immunohistochemistry-immunofluorescence-elisa/22317>