

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

FXN/Frataxin Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28428	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

PRODUCT SYNONYMS

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

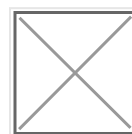
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
Applicable Applications for anti-FXN antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF/ICC: 1:50-1:200
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 42-210 of human FXN/Frataxin (NP_000135.2).
Cellular Location	Cytoplasm, Mitochondrion
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



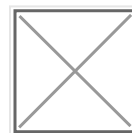
IF (Immunofluorescence)

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


IF (Immunofluorescence)

Immunofluorescence analysis of U-2 OS cells using FXN/Frataxin antibody at dilution of 1:100.
Blue: DAPI for nuclear staining.


IF (Immunofluorescence)

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


IF (Immunofluorescence)

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

**IF (Immunofluorescence)**

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

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded rat kidney using FXN/Frataxin Rabbit pAb 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	Signal Transduction ; Endocrine & Metabolism ; Mitochondrial metabolism ; Mitochondrial markers ; Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	2395
Molecular Weight	Calculated MW: 19kDa/21kDa/23kDa

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-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/28428>