

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

[KO Validated] FXN/Frataxin Polyclonal Antibody

CATALOG # AAA281479	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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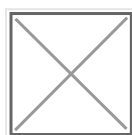
PRODUCT SYNONYMS

FXN/Frataxin; Polyclonal Antibody; [KO Validated] FXN/Frataxin Polyclonal Antibody; [KO Validated] FXN Polyclonal Antibody; FXN; CyaY; FA; FARR; FRDA; X25; frataxin; anti-FXN antibody

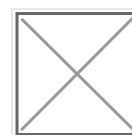
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	2.28 mg/ml (varies by lot)
Sequence Length	210
Applicable Applications for anti-FXN antibody	WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 42-210 of human FXN/Frataxin (NP_000135.2).
Immunogen Sequence	LRTDIDATCTPRASSNQRLNQIWNVKKQSVYLMNLRKSGTLGHPGSLDETTYERLAEETLDSLAEFFEDLADKPYTFEDYDVSFGSGVLTVKLGDLG
Positive Samples	K-562, U-87MG, Jurkat, Raji, DU-145, Mouse Kidney, Mouse Liver, Mouse Heart
Cellular Location	Cytoplasm, Mitochondrion
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide, 50% glycerol, pH7.3.

IMAGES



WB (Western Blot)
Western blot-[KO Validated] FXN/Frataxin Polyclonal Antibody



WB (Western Blot)
Western blot-[KO Validated] FXN/Frataxin Polyclonal Antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166193
NCBI GeneID	2395
UniProt Accession #	Q16595
Molecular Weight	Calculated: 19kDa; 21kDa; 23kDa Observed: 14kDa
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
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-western-blot-elisa/281479>