

FXN blocking peptide

FXN Peptide - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201858	Rabbit	Reacts with: Human Predicted reacts with: Human	Western Blot

PRODUCT SYNONYMS

FXN; polyclonal Blocking Peptide; FXN Peptide - C-terminal region; FXN blocking peptide

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human Predicted reacts with: Human
Clonality	polyclonal
Purity/Purification	Affinity purified
Form/Format	Liquid; Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: TP NKQIWLSSPS SGP KRYDWTG KNWVYSHDGV SLHELLAAEL TKALKTKL
Sequence Length	210
Applicable Applications for FXN blocking peptide	WB (Western Blot)
Immunogen	Synthetic peptide directed towards the C-terminal region of Human FRDA.
RNA seq	Find tissue and cell lines supported by RNA-seq analysis to express FXN.
Preparation and Storage	For short-term use: store at 2-8 degree C up to 1 week. For long term: store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: Rabbit
Target Name: FRDA
Sample Tissue: Jurkat Cell Lysate
Antibody Dilution: 1.0 ug/ml

ADDITIONAL INFORMATION

Related Product Information for FXN blocking peptide	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 FXN blocking peptide	Peptide

NCBI AND UNIPROT INFORMATION

NCBI GI #	6166193
NCBI GeneID	2395
UniProt Accession #	Q16595
Molecular Weight	23kDa
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/rabbit-polyclonal-human-blocking-peptide/fxn/201858>