

Rabbit Fxn Polyclonal Antibody | anti-FXN antibody

Fxn antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200135	Rabbit	Tested Species Reactivity: Rat Predicted Species: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish	Western Blot

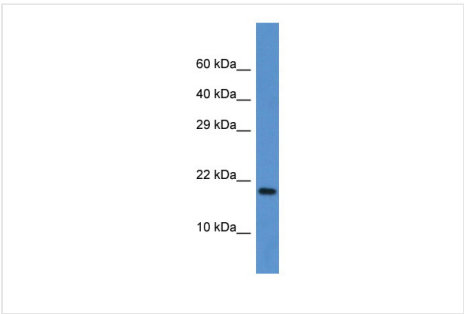
PRODUCT SYNONYMS

Fxn; Polyclonal Antibody; Fxn antibody - C-terminal region; anti-FXN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Rat Predicted Species: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish
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.
Concentration	0.5mg/mL (varies by lot)
Sequence	Synthetic peptide with the following region: EF FEDLADKPYT LKDYDVSFGD GVLTIKLGGD LGTYVINKQT PNKQIWLS
Sequence Length	208
Applicable Applications for anti-FXN antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 92%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Rat
Protein Size (# AA)	208 amino acids
Blocking Peptide	For anti-Fxn antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
WB Suggested Anti-Fxn AntibodyTitration: 1.0 ug/mlPositive Control: Rat Heart

ADDITIONAL INFORMATION

Related Product Information for anti-FXN antibody	This is a rabbit polyclonal antibody against Fxn. It was validated on Western Blot Target Description: Fxn promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe2+ to proteins involved in these pathways. It 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. It may be able to store large amounts of iron in the form of a ferrihydrite mineral by oligomerization. Fxn modulates the RNA-binding activity of ACO1.
Product Categories/Family for anti-FXN antibody	Polyclonal; Transcription Factor; Signal Proteins; Chromatin & Nuclear Signaling; Disease Related; DNA/RNA/Protein Interactions; Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	109463707
NCBI GeneID	499335
NCBI Accession #	XP_001078791
NCBI GenBank Nucleotide #	NM_001191952
UniProt Accession #	D3ZYW7
Molecular Weight	23kDa
NCBI Official Synonym Full Names	frataxin
NCBI Official Symbol	Fxn
NCBI Official Synonym Symbols	RGD1565754
NCBI Protein Information	frataxin, mitochondrial
UniProt Protein Name	Frataxin, mitochondrial
UniProt Gene Name	Fxn
UniProt Synonym Gene Names	Fxn

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.