

Rabbit FXN/Frataxin Polyclonal Antibody | anti-FXN antibody

FXN/Frataxin Rabbit anti-Rat Polyclonal (aa105-154) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA162555	Rabbit	Rat	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

FXN/Frataxin; Polyclonal Antibody; FXN/Frataxin Rabbit anti-Rat Polyclonal (aa105-154) Antibody; IHC-plus FXN/Frataxin Antibody (aa105-154); FXN; CyaY; Frataxin; mitochondrial; Friedreich ataxia protein; FARR; Friedreich ataxia; FA; FRDA; X25; anti-FXN antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Rat
Clonality	Polyclonal
Specificity	Rat FXN/Frataxin
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.09% sodium azide, 2% sucrose
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for anti-FXN antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Target	FXN/Frataxin
Immunogen	Synthetic peptide located between aa105-154 of rat Fxn (D3ZYW7). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Elephant, Dog, Bovine, Bat, Rabbit, Horse, Pig, Opossum, Guinea pig, Platypus, Slime mold (100%); Zebra finch, Chicken, Zebrafish (92%); Drosophila, Nematode, Grape, Arabidopsis (91%); Lizard (85%); Beetle (81%).
Conjugation	Unconjugated
Epitope	aa105-154
Preparation and Storage	Short term: Store at 2-8 degree C. Long term: Aliquot and store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

FXN/Frataxin Antibody-Anti-FXN/Frataxin antibody IHC of human thyroid. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.



WB (Western Blot)

FXN/Frataxin Antibody-FXN/Frataxin antibody Western blot of Rat Heart lysate. Antibody concentration 1 ug/ml. This image was taken for the unconjugated form of this product. Other forms have not been tested.

ADDITIONAL INFORMATION

Related Product Information for anti-FXN antibody	Frataxin antibody is an unconjugated rabbit polyclonal antibody to Frataxin (FXN)(aa105-154) from rat. It is reactive with human, mouse, rat and other species. Validated for IHC and WB.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	31077081
NCBI GeneID	2395
NCBI Accession #	NP_000135.2
NCBI GenBank Nucleotide #	NM_000144
UniProt Accession #	Q16595; O15545; O95656; Q15294; Q5VZ01; A8MXJ6; C9JJ89
Molecular Weight	21,416 Da
NCBI Official Full Name	frataxin, mitochondrial isoform 1 preproprotein
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-western-blot-immunohistochemistry-immunohistochemistry-elisa/162555>