Product Datasheet

FXN Antibody

Catalog No: #32413

Package Size: #32413-1 50ul #32413-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

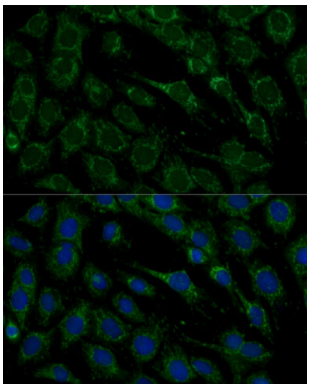
Description

Product Name	FXN Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total FXN protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human FXN.
Target Name	FXN
Other Names	CyaY; FA; FARR; FRDA; MGC57199
Accession No.	Swiss-Prot:Q16595NCBI Gene ID:2395
Uniprot	Q16595
GeneID	2395;
SDS-PAGE MW	23KD
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

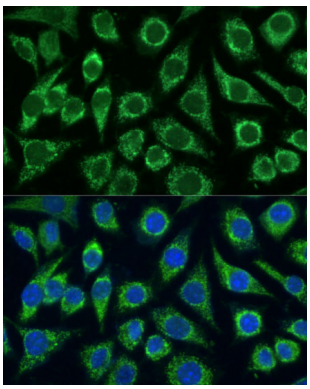
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

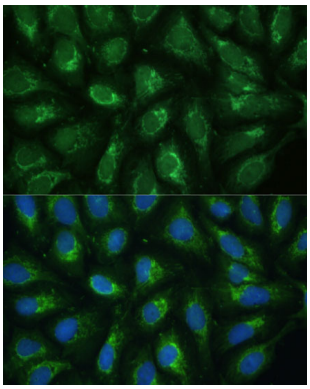
Images



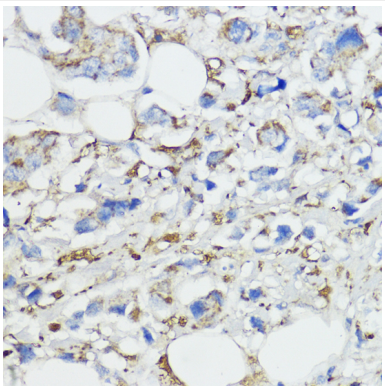
Immunofluorescence analysis of C6 cells using FXN / Frataxin at dilution of 1:100. Blue: DAPI for nuclear staining.



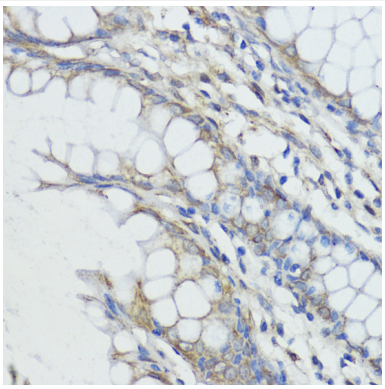
Immunofluorescence analysis of L929 cells using FXN / Frataxin at dilution of 1:100. Blue: DAPI for nuclear staining.



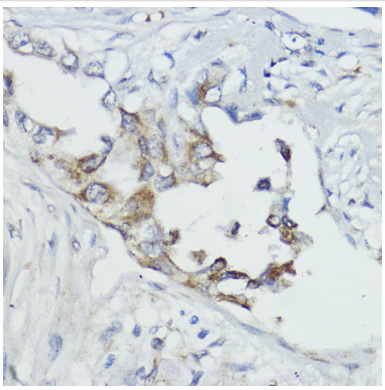
Immunofluorescence analysis of U-2 OS cells using FXN / Frataxin at dilution of 1:100. Blue: DAPI for nuclear staining.



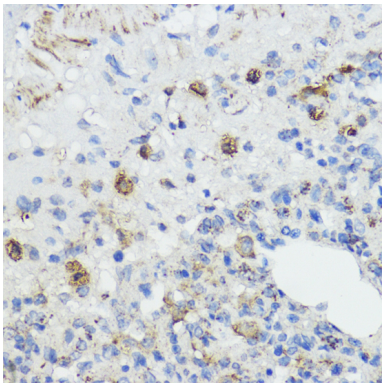
Immunohistochemistry of paraffin-embedded human mammary cancer using FXN / Frataxin at dilution of 1:100 (40x lens).



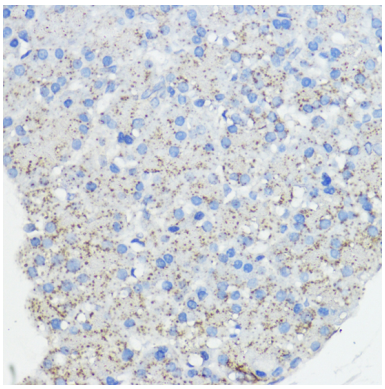
Immunohistochemistry of paraffin-embedded human colon using FXN / Frataxin at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human lung cancer using FXN / Frataxin at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat lung using FXN / Frataxin at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded rat pancreas using FXN / Frataxin at dilution of 1:100 (40x lens).

Background

FXN, also named as FRDA, X25, m81-FXN, d-FXN, m78-FXN and i-FXN, belongs to the frataxin family. It promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe2+ to proteins involved in these pathways. FXN 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. FXN is cleaved to be 4 chains. The mature form of FXN is 14kd or 18kd.

Note: This product is for in vitro research use only