

FXN Polyclonal Antibody

Catalog number: 14147-1-AP

Size: 20 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

FXN; CyaY, d FXN, FA, FARR,

frataxin, Frataxin(81 210),

Frataxin, mitochondrial, FRDA,

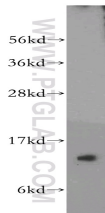
Friedreich ataxia protein, FXN, i

FXN Frataxin(56 210), m56 FXN

Frataxin(78 210), m78 FXN

Frataxin mature form, m81

FXN, X25



MDA-MB-453s cells were subjected to SDS PAGE followed by western blot with 14147-1-AP(FXN antibody) at dilution of 1:500

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human; other species not tested.
Calculated FXN MW:	23 kDa
Observed FXN MW:	14kd
Positive WB detected in	MDA-MB-453s cells, human cerebellum tissue, human heart tissue, Jurkat cells, K-562 cells, Raji cells
Recommended dilution:	WB: 1:500-1:5000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag5316
GenBank accession number:	BC048097
Gene ID (NCBI):	2395
Full name:	Frataxin

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.