

FXN antibody

Product Information

Catalog No.:	FNab03255
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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 14 or 18kDa.

Immunogen information

Immunogen:	frataxin
Synonyms:	Frataxin, mitochondrial Friedreich ataxia protein (Fxn) Frataxin intermediate form (i-FXN) Frataxin(56-210) Alternative names: m56-FXN Frataxin(78-210) Alternative names: d-FXN m78-FXN Frataxin mature form Alternative names: Frataxin(81-210) m81-FXN Extramitochondrial frataxin FXN FRDA X25
Observed MW:	14 kDa
Uniprot ID :	Q16595

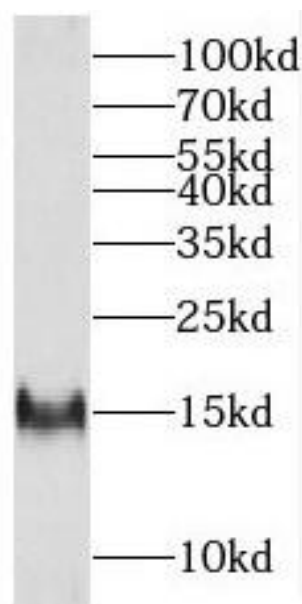
Application

Reactivity:	Human
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Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



K562 cells were subjected to SDS PAGE followed by western blot with FNab03255(FXN antibody) at dilution of 1:1000