

## anti- 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 Fe<sup>2+</sup> 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 Fe<sup>2+</sup> to Fe<sup>3+</sup>; 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:	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
Observed MW:	14 kDa
UniprotID :	Q16595

### Application

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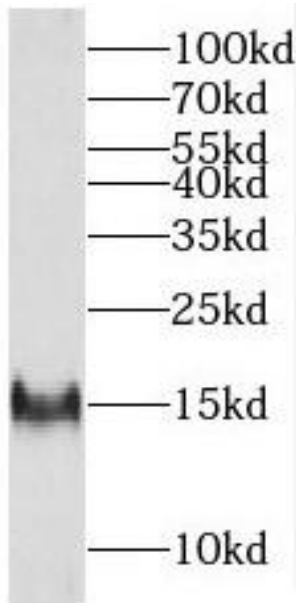
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Reactivity: Human  
Tested Application: ELISA, WB  
Recommended dilution: WB: 1:500-1:2000  
Image:



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

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