

Datasheet for ABIN6939443

Recombinant anti-Frataxin antibody (AA 57-210)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	Frataxin (FXN)
Binding Specificity:	AA 57-210
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Frataxin antibody is un-conjugated
Application:	ELISA, Coating (Coat)

Product Details

Immunogen:	Recombinant human Frataxin protein fragment (around aa 57-210) (exact sequence is proprietary)
Clone:	RFXN-2124
Isotype:	IgG1 kappa
Purification:	Purified by Protein A/G

Target Details

Target:	Frataxin (FXN)
Alternative Name:	FXN (FXN Products)

Target Details

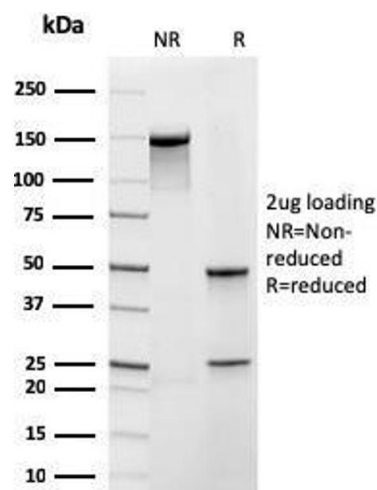
Background:	Frataxin is a nuclear-encoded mitochondrial protein implicated in Friedreich's ataxia (FRDA), a human autosomal recessive neurodegenerative disease. Lack of Frataxin causes iron to accumulate in the mitochondrial matrix suggesting that Frataxin is involved in mitochondrial iron homeostasis and possibly in iron transport. Frataxin has an alpha-beta fold consisting of two helices flanking an antiparallel beta sheet.
Molecular Weight:	14kDa
Gene ID:	2395
UniProt:	Q16595
Pathways:	Transition Metal Ion Homeostasis , Regulation of Cell Size

Application Details

Application Notes:	Positive Control: HepG2, HL-60 or HEK293 cells. Pancreas and Liver. Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA),Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.
Expiry Date:	24 months



SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Frataxin Recombinant Mouse Monoclonal Antibody (rFXN/2124). Confirmation of Purity and Integrity of Antibody.