

Datasheet for ABIN7177205
anti-Frataxin antibody (AA 78-207)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	Frataxin (FXN)
Binding Specificity:	AA 78-207
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Frataxin antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Recombinant Mouse Frataxin, mitochondrial protein (78-207AA)
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Purification:	>95%, Protein G purified

Target Details

Target:	Frataxin (FXN)
Alternative Name:	Fxn (FXN Products)
Background:	Background: Promotes the biosynthesis of heme and assembly and repair of iron-sulfur clusters by delivering Fe ²⁺ to proteins involved in these pathways. May play a role in the

Target Details

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. May be able to store large amounts of iron in the form of a ferrihydrite mineral by oligomerization. Modulates the RNA-binding activity of ACO1 (By similarity).
Aliases: Fxn antibody, FrdaFrataxin antibody, mitochondrial antibody, Fxn antibody, EC 1.16.3.1)
[Cleaved into: Frataxin intermediate form, Frataxin mature form] antibody

UniProt: [O35943](#)

Pathways: [Transition Metal Ion Homeostasis](#), [Regulation of Cell Size](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000,

Restrictions: For Research Use only

Handling

Format: Liquid

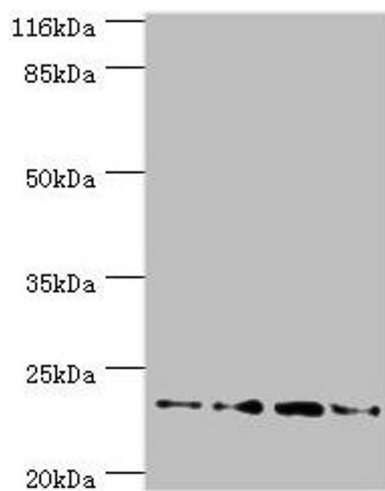
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot All lanes: Fxn antibody at 2 µg/mL
 Lane 1: HepG2 whole cell lysate Lane 2: Hela whole cell lysate Lane 3: Mouse brain tissue Lane 4: Jurkat whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 23 kDa Observed band size: 23 kDa