

Datasheet for ABIN7306010

anti-Frataxin antibody**3** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	Frataxin (FXN)
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Frataxin antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

Product Details

Immunogen:	Recombinant full length protein of human Frataxin
Specificity:	Recognizes endogenous levels of Frataxin protein.
Characteristics:	Rabbit polyclonal antibody to Frataxin
Purification:	The antibody was purified by immunogen affinity chromatography.

Target Details

Target:	Frataxin (FXN)
Alternative Name:	Frataxin (FXN Products)
Background:	FRDA, X25, Frataxin, mitochondrial, Friedreich ataxia protein, Fxn
Gene ID:	2395, 14297

Target Details

UniProt:	Q16595 , O35943 , D3ZYW7
Pathways:	Transition Metal Ion Homeostasis , Regulation of Cell Size

Application Details

Application Notes:	WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)
Restrictions:	For Research Use only

Handling

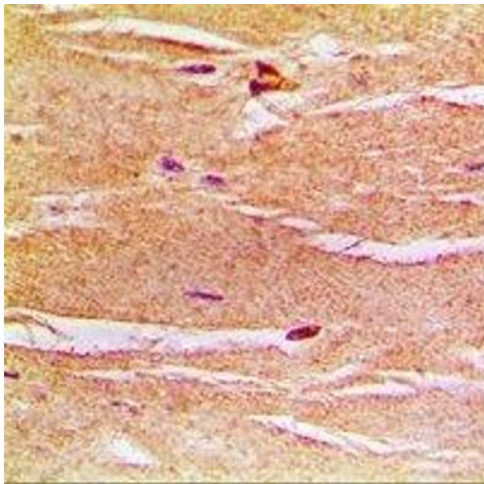
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

Images



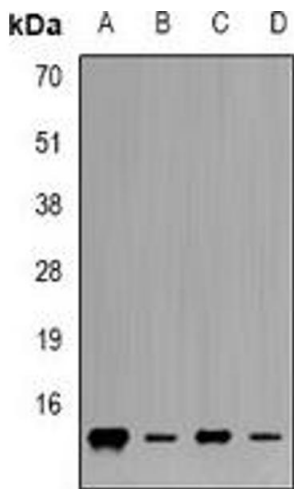
Immunofluorescence

Image 1. Immunofluorescent analysis of Frataxin staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibo



Immunohistochemistry

Image 2. Immunohistochemical analysis of Frataxin staining in rat heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the



Western Blotting

Image 3. Western blot analysis of Frataxin expression in Jurkat (A), K562 (B), mouse heart (C), mouse liver (D) whole cell lysates.