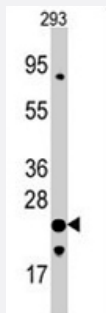


FXN polyclonal antibody

Catalog # PAB2010

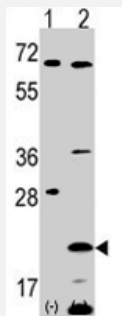
Size 400 uL

Applications



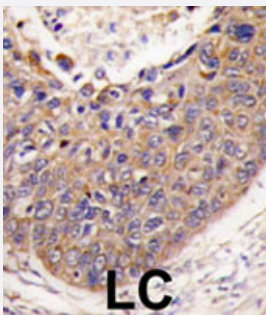
Western Blot (Cell lysate)

Western blot analysis of FXN polyclonal antibody (Cat # PAB2010) in 293 cell line lysates (35 ug/lane). FXN (arrow) was detected using the purified Polyclonal antibody.



Western Blot (Transfected lysate)

Western blot analysis of FXN (arrow) using FXN polyclonal antibody (Cat # PAB2010). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FXN gene (Lane 2) (Origene Technologies).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human lung carcinoma tissue reacted with FXN polyclonal antibody (Cat # PAB2010), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of FXN.

Immunogen

A synthetic peptide (conjugated with KLH) corresponding to C-terminus of human FXN.

Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Western blot analysis of FXN (arrow) using FXN polyclonal antibody (Cat # PAB2010). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the FXN gene (Lane 2) (Origene Technologies).

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Gene Info — FXN

Entrez GeneID	2395
Protein Accession#	NP_000135;Q16595
Gene Name	FXN
Gene Alias	CyaY, FA, FARR, FRDA, MGC57199, X25

Gene Description	frataxin
Omim ID	229300 606829
Gene Ontology	Hyperlink
Gene Summary	This nuclear gene encodes a mitochondrial protein which belongs to FRATAXIN family. The protein functions in regulating mitochondrial iron transport and respiration. The expansion of intronic trinucleotide repeat GAA results in Friedreich ataxia. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	OTTHUMP00000021428

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