

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-FXN



Numéro de catalogue: 14147-1-AP

Phare

13 Publications

## Informations de base

Numéro de catalogue:

14147-1-AP

Taille:

150ul, Concentration: 500 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5316

Numéro d'acquisition GenBank:

BC048097

Identification du gène (NCBI):

2395

Nom complet:

frataxin

MW calculé

23 kDa

MW observés:

14 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:1000-1:6000

## Applications

Applications testées:

WB, ELISA

Demandes citées:

IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : cellules HCT 116, cellules Jurkat, cellules K-562, cellules Raji, tissu hépatique de souris

## Informations générales

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. FXN is expressed in the cytoplasm as a 210 amino acid (AA) precursor protein (pFXN; 23 KDa) that is translocated into mitochondria where it is processed by two consecutive steps into iFXN (FXN 42-210; 19 KDa) and finally mFXN (81-210; 14.2 KDa), which is functional. (PMID: 26704351, PMID: 26671574)

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jingjing Liu	33017621	Toxicology	WB
Daniel Fil	32586831	Dis Model Mech	WB
Yanjie Li	35708503	Hum Mol Genet	WB

## Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

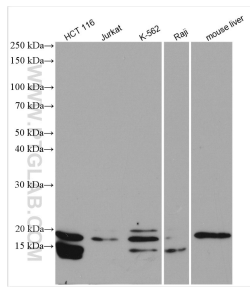
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## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 14147-1-AP (FXN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.