Fxn Antibody

PACO26849

Description

This Fxn Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	PACO26849
Contents:	100µl Bradford Reagent: 1 vial (2ml)
Category:	Polyclonal Antibody
Synonyms:	Fxn antibody, FrdaFrataxin antibody, mitochondrial antibody, Fxn antibody, EC 1.16.3.1) [Cleaved into: Frataxin intermediate form, Frataxin mature form] antibody
Clone:	Polyclonal
Applications:	ELISA WB IHC
Conjugation:	Non-conjugated
Reactivity:	Mouse, Human

Antibody Data

Isotype:	IgG
Uniprot:	O35943
Host Species:	Rabbit
Purification:	Antigen affinity purification
Immunogen:	Recombinant Mouse Frataxin, mitochondrial protein (78-207AA)
Immunogen Species:	Mus musculus (Mouse)
Buffer:	Preservative: 0.02% sodium azide Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Form:	Liquid

Preparation & Storage

Storage: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Store Bradford Reagent at Room Temperature for 1 Year.

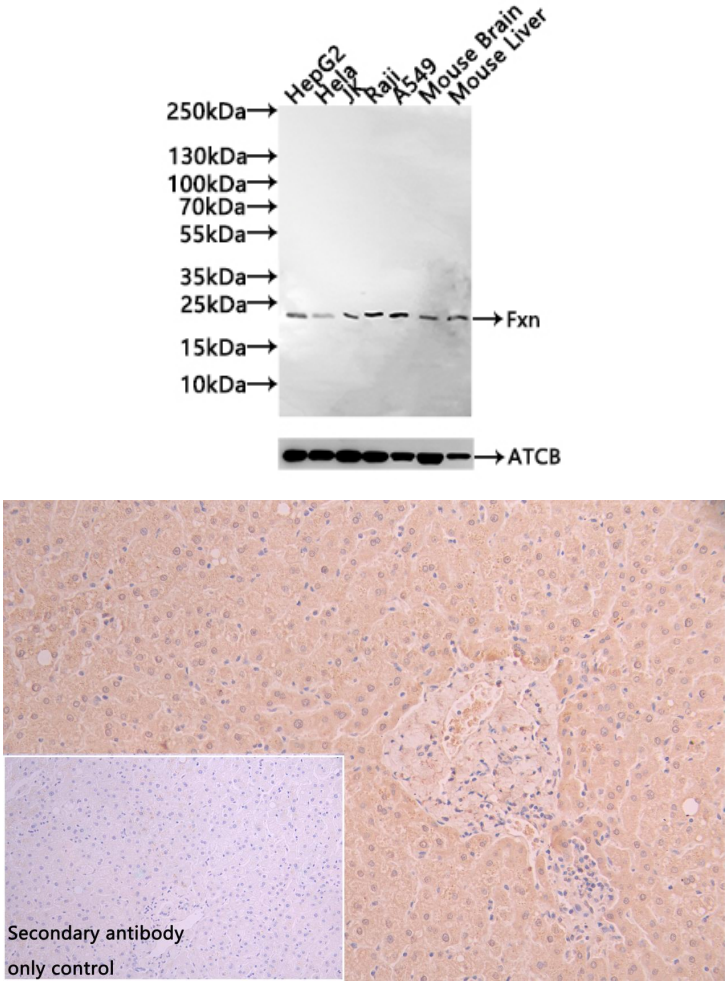
Recommended Dilutions:

Application	Recommended Dilution
WB	1:500-1:2000
IHC	1:50-1:200

Protein Quantification (Optional): To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

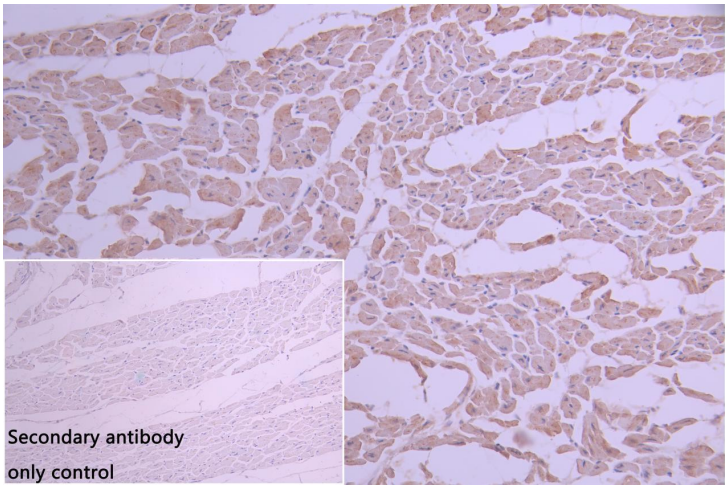
Image



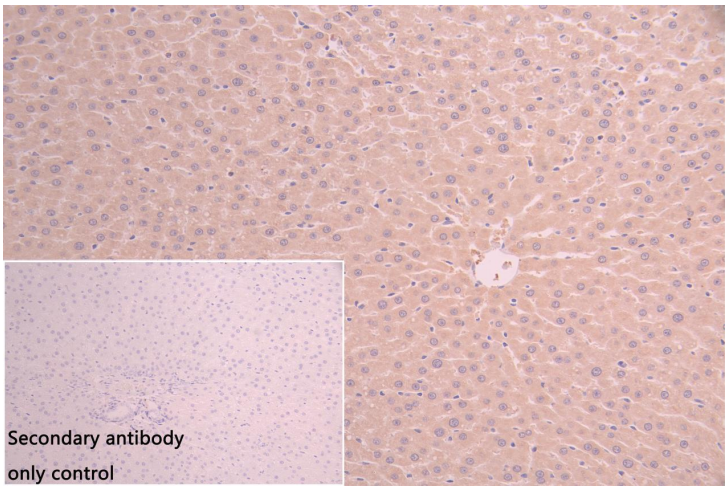
Description

Western Blot Positive WB detected in: HepG2 whole cell lysate(30µg), Hela whole cell lysate(30µg), JK whole cell lysate(20µg), Raji whole cell lysate(30µg), A549 whole cell lysate(30µg), Mouse Brain tissue lysate(30µg),Mouse Liver tissue lysate(30µg) All lanes: Fxn antibody at 1:1000 Secondary Goat polyclonal to rabbit IgG at 1/20000 dilution Predicted band size: 23 kDa Observed band size: 23 kDa Exposure time: 120s

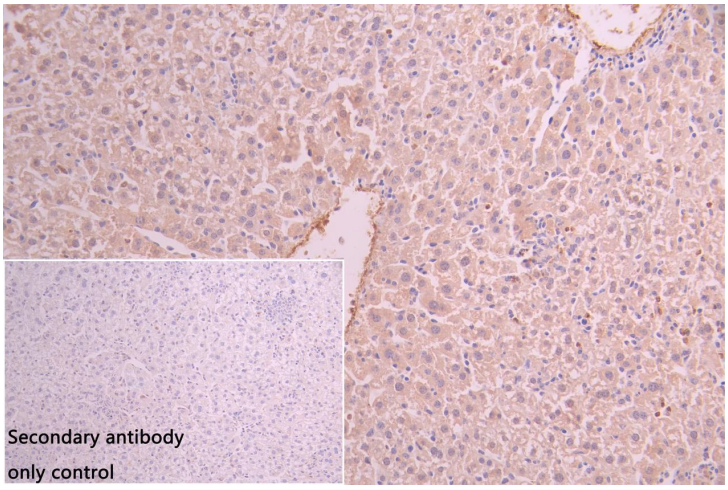
IHC image of PACO26849 diluted at 1:66 and staining in paraffin-embedded human Liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



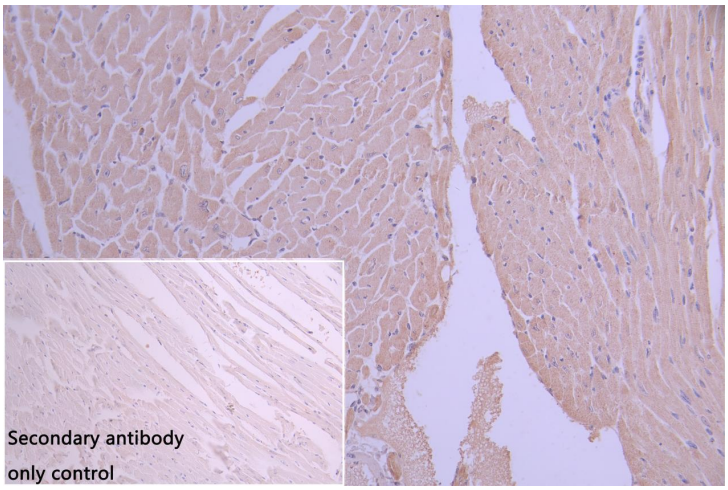
IHC image of PACO26849 diluted at 1:66 and staining in paraffin-embedded human Heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



IHC image of PACO26849 diluted at 1:66 and staining in paraffin-embedded rat Liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody



IHC image of PACO26849 diluted at 1:66 and staining in paraffin-embedded mouse Liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB.



Secondary antibody only control: uses 1% BSA instead of primary antibody

IHC image of PACO26849 diluted at 1:66 and staining in paraffin-embedded mouse Heart tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05% DAB. Secondary antibody only control: uses 1% BSA instead of primary antibody