

Datasheet for ABIN7435793
anti-SLC25A37 antibody (AA 65-338)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	SLC25A37
Binding Specificity:	AA 65-338
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A37 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Mitoferrin (MFRN)
Immunogen:	Recombinant Mitoferrin (MFRN) corresponding to Pro65~Tyr338 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MFRN. It has been selected for its ability to recognize MFRN in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

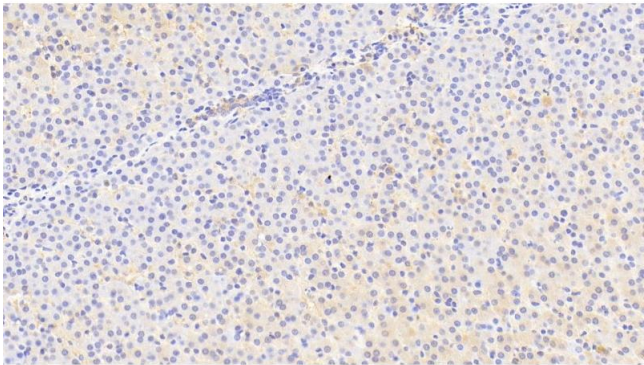
Target:	SLC25A37
Alternative Name:	Mitoferrin (SLC25A37 Products)
Background:	SLC25A37, MSC, HT015, MSCP, Solute Carrier Family 25 Member 37, Mitochondrial iron transporter 1, Mitochondrial solute carrier protein
Pathways:	Transition Metal Ion Homeostasis

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

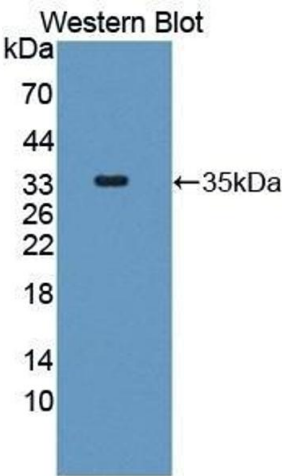
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of MFRN in Human Liver Tissue using Polyclonal Antibody to Mitoferrin (MFRN)



Western Blotting

Image 2. Detection of Recombinant MFRN, Human using Polyclonal Antibody to Mitoferrin (MFRN)