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Datasheet for ABIN5006874
anti-SLC25A37 antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	SLC25A37
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A37 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Mitoferrin 1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	SLC25A37
Alternative Name:	Mitoferrin 1 (SLC25A37 Products)
Background:	Synonyms: SLC25A37, HT015, MFRN, Mitochondrial iron transporter 1, Mitochondrial solute carrier protein, Mitoferrin1, Mitoferrin-1, MSC, MSCP, predicted protein of HQ2217, PRO1278, PRO1584, PRO2217, Solute carrier family 25 member 37. Background: Mitoferrin1, SLC25A37, belongs to the mitochondrial carrier family and contains 3

Target Details

Solcar repeats. It is a mitochondrial iron transporter that specifically mediates iron uptake in developing erythroid cells and plays an essential role in heme biosynthesis.

Gene ID: 51312

Pathways: [Transition Metal Ion Homeostasis](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months