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Datasheet for ABIN5004271

anti-ISCA1 antibody (AA 1-100) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	ISCA1
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISCA1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human HBLD2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Sheep,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ISCA1
Alternative Name:	HBLD2 (ISCA1 Products)
Background:	Synonyms: GK004, HESB-like domain-containing protein 2, hlscA, Iron sulfur assembly protein

Target Details

IscA, Iron-sulfur cluster assembly 1 homolog, mitochondrial, ISCA1, ISCA1_HUMAN.

Background: ISCA1 is a mitochondrial protein involved in the biogenesis and assembly of iron-sulfur clusters, which play a role in electron-transfer reactions (Cozar-Castellano et al., 2004 [PubMed 15262227]).

Application Details

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