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Datasheet for ABIN7146357

anti-SLC25A24 antibody (AA 1-197) (Biotin)

Overview

Quantity:	100 µg
Target:	SLC25A24
Binding Specificity:	AA 1-197
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A24 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Calcium-binding mitochondrial carrier protein SCaMC-1 protein (1-197AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SLC25A24
Alternative Name:	SLC25A24 (SLC25A24 Products)
Background:	Background: Calcium-dependent mitochondrial solute carrier. Mediates the reversible, electroneutral exchange of Mg-ATP or Mg-ADP against phosphate ions, catalyzing the net

Target Details

uptake or efflux of adenine nucleotides across the mitochondrial inner membrane. Nucleotide transport is inactive when cytosolic calcium levels are low, and is activated by an increase in cytosolic calcium levels. May play a role in protecting cells against oxidative stress-induced cell death, probably by promoting the formation of calcium-phosphate precipitates in the mitochondrial matrix, and thereby buffering calcium levels in the mitochondrial matrix.

Aliases: SLC25A24 antibody, APC1 antibody, MCSC1 antibody, SCAMC1 antibody, Calcium-binding mitochondrial carrier protein SCaMC-1 antibody, Mitochondrial ATP-Mg/Pi carrier protein 1 antibody, Mitochondrial Ca(2+)-dependent solute carrier protein 1 antibody, Small calcium-binding mitochondrial carrier protein 1 antibody, Solute carrier family 25 member 24 antibody

UniProt: [Q6NUK1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.