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Datasheet for ABIN7119272 **anti-SLC25A23 antibody**

Overview

Quantity:	100 µg
Target:	SLC25A23
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A23 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	solute carrier family 25(mitochondrial carrier, phosphate carrier), member 23
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SLC25A23
Alternative Name:	SLC25A23 (SLC25A23 Products)
Background:	Synonyms:APC2, MCSC2, SCAMC3 Background:Calcium-dependent mitochondrial solute carrier. Mitochondrial solute carriers shuttle metabolites, nucleotides, and cofactors through the mitochondrial inner membrane(PubMed:15123600). May act as a ATP-Mg/Pi exchanger that mediates the transport of Mg-ATP in exchange for phosphate, catalyzing the net uptake or

Target Details

efflux of adenine nucleotides into or from the mitochondria(PubMed:15123600). Acts as a regulator of mitochondrial calcium uptake via interaction with MCU and MICU1(PubMed:24430870).

Molecular Weight: 49-54 kDa

Gene ID: 79085

UniProt: [Q9BV35](#)

Application Details

Application Notes: WB: 1:500-1:2000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months