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anti-SLC25A33 antibody (AA 66-120)

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Images



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Quantity:	100 μg
Target:	SLC25A33
Binding Specificity:	AA 66-120
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC25A33 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Solute carrier family 25 member 33 protein (66-120AA)	
Isotype:	IgG	
Cross-Reactivity:	Human	
Purification:	>95%, Protein G purified	

Target Details

Target:	SLC25A33
Alternative Name:	SLC25A33 (SLC25A33 Products)
Background: Background: Mitochondrial transporter that imports/exports pyrimidine nucleotides into from mitochondria (PubMed:25320081). Transports preferentially uracil, thymine, and cy	

(deoxy)nucleoside di- and triphosphates by an antiport mechanism (PubMed:25320081). Also transports guanine but not adenine (deoxy)nucleotides (PubMed:25320081). Is inhibited strongly by pyridoxal 5\'-phosphate, 4,7-diphenyl-1,10-phenanthroline, tannic acid, and mercurials (mercury dichloride, mersalyl acid, p-hydroxymercuribenzoate) (PubMed:25320081). Participates in mitochondrial genome maintenance, regulation of mitochondrial membrane potential and mitochondrial respiration (PubMed:20453889). Upon INS or IGF1 stimulation regulates cell growth and proliferation by controlling mitochondrial DNA replication and transcription, the ratio of mitochondria-to nuclear-encoded components of the electron transport chain resulting in control of mitochondrial ROS production (PubMed:20453889, PubMed:17596519). Participates in dendritic cell endocytosis and may associate with mitochondrial oxidative phosphorylation (PubMed:14715278). Aliases: BMSC MCP antibody, BMSC-MCP antibody, Bone marrow stromal cell mitochondrial carrier protein antibody, HuBMSC MCP antibody, HuBMSC-MCP antibody, MGC4399 antibody, Mitochondrial carrier protein antibody, Novel mitochondrial carrier protein antibody, PNC1 protein antibody, Protein PNC1 antibody, S2533_HUMAN antibody, Slc25a33 antibody, Solute carrier family 25 member 33 antibody

UniProt:

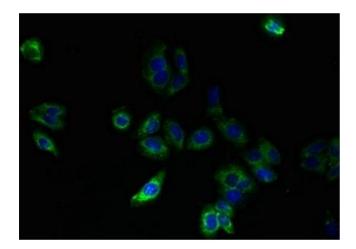
Q9BSK2

Application Details

Application Notes:

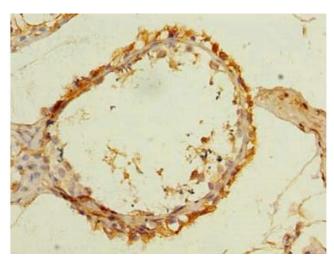
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,



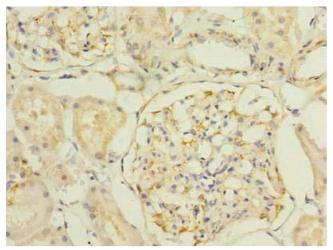
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7170183 at dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7170183 at dilution of 1:100



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7170183 at dilution of 1:100