

Rabbit anti-Human SLC25A20 Polyclonal Antibody | anti-SLC25A20 antibody

SLC25A20 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279941	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot

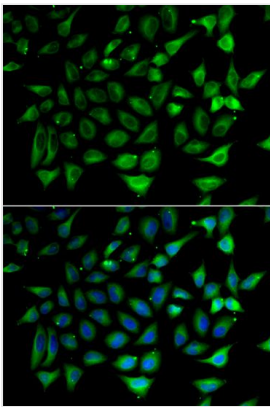
PRODUCT SYNONYMS

SLC25A20; Polyclonal Antibody; SLC25A20 Polyclonal Antibody; CAC; CACT; anti-SLC25A20 antibody

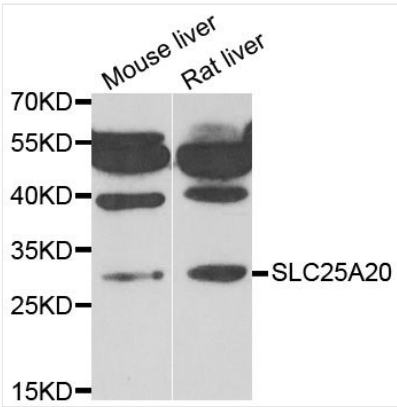
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	301
Applicable Applications for anti-SLC25A20 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human SLC25A20
Calculated Molecular Weight	32kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of HeLa cells using SLC25A20 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of various cell lines, using SLC25A20 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A20 antibody	This gene product is one of several closely related mitochondrial-membrane carrier proteins that shuttle substrates between cytosol and the intramitochondrial matrix space. This protein mediates the transport of acylcarnitines into mitochondrial matrix for their oxidation by the mitochondrial fatty acid-oxidation pathway. Mutations in this gene are associated with carnitine-acylcarnitine translocase deficiency, which can cause a variety of pathological conditions such as hypoglycemia, cardiac arrest, hepatomegaly, hepatic dysfunction and muscle weakness, and is usually lethal in new born and infants.
Product Categories/Family for anti-SLC25A20 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3914023
NCBI GeneID	788
UniProt Accession #	O43772; Q9UIQ2; B2R7F4
Molecular Weight	301
NCBI Official Full Name	Mitochondrial carnitine/acylcarnitine carrier protein
NCBI Official Synonym Full Names	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20
NCBI Official Symbol	SLC25A20
NCBI Official Synonym Symbols	CAC; CACT
NCBI Protein Information	mitochondrial carnitine/acylcarnitine carrier protein
UniProt Protein Name	Mitochondrial carnitine/acylcarnitine carrier protein
UniProt Gene Name	SLC25A20
UniProt Synonym Gene Names	CAC; CACT; CAC
UniProt Entry Name	MCAT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

