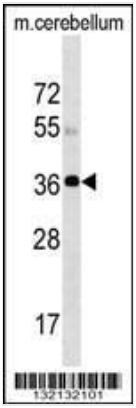
SLC25A20 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	SLC25A20, Polyclonal Antibody
Full Product Name	SLC25A20, CT (SLC25A20, CAC, CACT, Mitochondrial carnitine/acylcarnitine carrier protein, Carnitine/acylcarnitine translocase, Solute carrier family 25 member 20)
Product Gene Name	anti-SLC25A20 antibody
Product Synonym Names	Anti -SLC25A20, CT (SLC25A20, CAC, CACT, Mitochondrial carnitine/acylcarnitine carrier protein, Carnitine/acylcarnitine translocase, Solute carrier family 25 member 20)
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.09% sodium azide.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Mouse
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	Chromosome: 2; NC_022273.1 (104000831..104044996, complement). Location: chromosome: 2
Immunogen	SLC25A20 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 234-264 amino acids from the C-terminal region of human SLC25A20.
Product Categories/Family for anti-SLC25A20 antibody	Antibodies; Abs to Mitochondrial Proteins
Applications Tested/Suitable for anti-SLC25A20 antibody	ELISA (EL/EIA), Western Blot (WB)
Application Notes for anti-SLC25A20 antibody	Suitable for use in Western Blot, ELISA Dilution: ELISA: 1:1,000 Western Blot: 1:100-500
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.
Other Notes	Small volumes of anti-SLC25A20 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SLC25A20 purchase	MBS6006831 is an antibody targeting SLC25A20. Also known as SLC25A20, CT (SLC25A20, CAC, CACT, Mitochondrial carnitine/acylcarnitine carrier protein, Carnitine/acylcarnitine translocase, Solute carrier family 25 member 20). Reactive in Mouse. Host: Rabbit.



Western Blot (WB) of anti-SLC25A20 antibody
SLC25A20 Antibody (C-term) western blot analysis in mouse cerebellum tissue lysates (35ug/lane).This demonstrates the SLC25A20 antibody detected the SLC25A20 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SLC25A20. It may not necessarily be applicable to this product.

NCBI GI #	545687331
NCBI GeneID	102124681
NCBI Accession #	NP_001271045.1
GenBank Nucleotide #	NM_001284116.1
NCBI Official Full Name	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20
NCBI Official Symbol	SLC25A20
NCBI Official Synonym Symbols	cact
Protein Family	Mitochondrial carnitine/acylcarnitine carrier protein
NCBI Protein Information	solute carrier family 25 (carnitine/acylcarnitine translocase), member 20; solute carrier family 25 (carnitine/acylcarnitine translocase), member 20; mitochondrial carnitine/acylcarnitine carrier protein
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