

Rabbit SLC25A25 Polyclonal Antibody | anti-SLC25A25 antibody

SLC25A25 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA290161	Rabbit	Human, rat (Predicted Reactivity: Zebrafish, Bovine, Mouse, Xenopus)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

SLC25A25; Polyclonal Antibody; SLC25A25 Antibody (N-term); Calcium-binding mitochondrial carrier protein SCaMC-2; Mitochondrial ATP-Mg/Pi carrier protein 3; Mitochondrial Ca(2+)-dependent solute carrier protein 3; Small calcium-binding mitochondrial carrier protein 2; Solute carrier family 25 member 25; APC3; KIAA1896; MCSC3; SCAMC2; anti-SLC25A25 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, rat (Predicted Reactivity: Zebrafish, Bovine, Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC25A25 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 63-93 amino acids from the N-terminal region of human SLC25A25.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	63-93
Sequence Length	366
Applicable Applications for anti-SLC25A25 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Crown Antibody	Yes
Antigen Source	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

SLC25A25 Antibody (N-term) western blot analysis in U-937 cell line and rat cerebellum tissue lysates (35ug/lane). This demonstrates the SLC25A25 antibody detected the SLC25A25 protein (arrow).



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded H. skeletal muscle section using SLC25A25 Antibody (N-term). AAA290161 was diluted at 1:25 dilution. A undiluted biotinylated goat polyvalent antibody was used as the secondary, followed by DAB staining.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A25 antibody	Calcium-dependent mitochondrial solute carrier. Mitochondrial solute carriers shuttle metabolites, nucleotides, and cofactors through the mitochondrial inner membrane. May act as a ATP-Mg/Pi exchanger that mediates the transport of Mg-ATP in exchange for phosphate, catalyzing the net uptake or efflux of adenine nucleotides into or from the mitochondria.
Product Categories/Family for anti-SLC25A25 antibody	Crown Antibodies; Metabolism; Signal Transduction
References	del Arco A., et al. J. Biol. Chem. 279:24701-24713(2004). Fiermonte G., et al. J. Biol. Chem. 279:30722-30730(2004). Nagase T., et al. DNA Res. 8:179-187(2001). Clark H.F., et al. Genome Res. 13:2265-2270(2003). Ota T., et al. Nat. Genet. 36:40-45(2004).

NCBI AND UNIPROT INFORMATION

NCBI GI #	56699403
NCBI GeneID	114789
NCBI Accession #	NP_001006642.1; NP_001006643.1; NP_001252543.1; NP_443133.2
NCBI GenBank Nucleotide #	NM_001006641.3
UniProt Accession #	Q6KCM7; Q5SYW7; Q5SYW8; Q5SYX3; Q5VWU2; Q5VWU3; Q5VWU4; Q6KCM4; Q6KCM6; Q6UX48; Q705K2; Q96PZ1
Molecular Weight	52663
NCBI Official Full Name	calcium-binding mitochondrial carrier protein SCaMC-2 isoform b
NCBI Official Synonym Full Names	solute carrier family 25 (mitochondrial carrier; phosphate carrier), member 25
NCBI Official Symbol	SLC25A25
NCBI Official Synonym Symbols	MCSC; PCSCL; SCAMC-2
NCBI Protein Information	calcium-binding mitochondrial carrier protein SCaMC-2
UniProt Protein Name	Calcium-binding mitochondrial carrier protein SCaMC-2
UniProt Gene Name	SLC25A25
UniProt Synonym Gene Names	APC3; KIAA1896; MCSC3; SCAMC2
UniProt Entry Name	SCMC2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/slc25a25-antibody-western-blot-immunohistochemistry-elisa/290161>