

Rabbit anti-Human, mouse SLC25A12 Polyclonal Antibody | anti-SLC25A12 antibody

SLC25A12 Antibody (N-Term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288283	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

SLC25A12; Polyclonal Antibody; SLC25A12 Antibody (N-Term); Calcium-binding mitochondrial carrier protein Aralar1; Mitochondrial aspartate glutamate carrier 1; Solute carrier family 25 member 12; ARALAR1; anti-SLC25A12 antibody

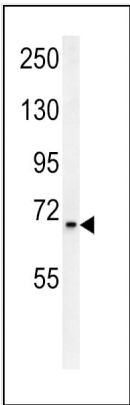
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This SLC25A12 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human SLC25A12.
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	1-30
Sequence Length	678
Applicable Applications for anti-SLC25A12 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
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



IHC (Immunohiostchemistry)
SLC25A12 antibody (N-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the SLC25A12 antibody (N-Term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
SLC25A12 Antibody (N-Term) western blot analysis in mouse bladder tissue lysates (15ug/lane).This demonstrates the SLC25A12 antibody detected SLC25A12 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A12 antibody	This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localizes to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in the gene encoding this protein may be associated with risk of autism. [provided by RefSeq].
Product Categories/Family for anti-SLC25A12 antibody	Metabolism; Neuroscience; Signal Transduction
References	Maestrini, E., et al. Mol. Psychiatry 15(9):954-968(2010) Chien, W.H., et al. Prog. Neuropsychopharmacol. Biol. Psychiatry 34(1):189-192(2010) Chakrabarti, B., et al. Autism Res 2(3):157-177(2009) Marmol, P., et al. J. Biol. Chem. 284(1):515-524(2009) Turunen, J.A., et al. Autism Res 1(3):189-192(2008)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361103
NCBI GeneID	8604
NCBI Accession #	NP_003696.2
NCBI GenBank Nucleotide #	NM_003705.4
UniProt Accession #	O75746; Q96AM8; B3KR64
Molecular Weight	74762
NCBI Official Full Name	calcium-binding mitochondrial carrier protein Aralar1
NCBI Official Synonym Full Names	solute carrier family 25 (aspartate/glutamate carrier), member 12
NCBI Official Symbol	SLC25A12
NCBI Official Synonym Symbols	AGC1; ARALAR
NCBI Protein Information	calcium-binding mitochondrial carrier protein Aralar1
UniProt Protein Name	Calcium-binding mitochondrial carrier protein Aralar1

UniProt Gene Name	SLC25A12
UniProt Synonym Gene Names	ARALAR1
UniProt Entry Name	CMC1_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/slc25a12-antibody-immunohistochemistry-western-blot-elisa/288283>