

Rabbit SLC25A12 Polyclonal Antibody | anti-SLC25A12 antibody

SLC25A12 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199332	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Immunohistochemistry, Western Blot

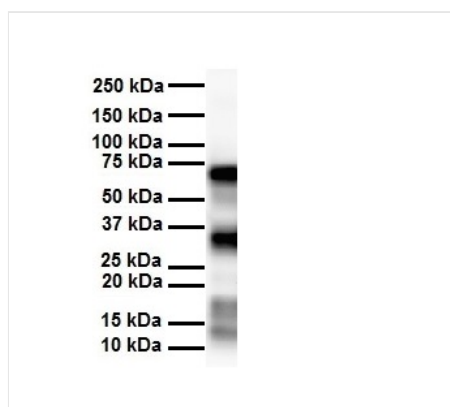
PRODUCT SYNONYMS

SLC25A12; Polyclonal Antibody; SLC25A12 antibody - middle region; anti-SLC25A12 antibody

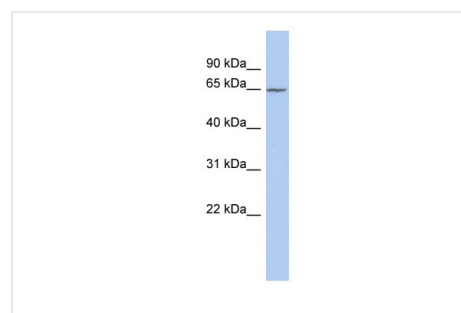
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: GLKPAGSEPTPKSRIADLPPANPDHIGGYRLATATFAGIENKFGLYLPKF
Sequence Length	678
Applicable Applications for anti-SLC25A12 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 100%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human SLC25A12
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

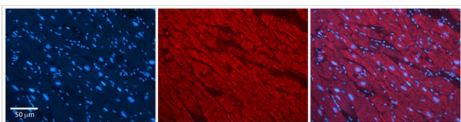
IMAGES


WB (Western Blot)

WB Suggested Anti-SLC25A12 antibody Titration: 1 ug/mL Sample Type: Human heart


WB (Western Blot)

WB Suggested Anti-SLC25A12 Antibody Titration: 0.2-1 ug/mL ELISA Titer: 1:312500 Positive Control: COLO205 cell lysate SLC25A12 is supported by BioGPS gene expression data to be expressed in COLO205



IHC (Immunohistochemistry)

Rabbit Anti-SLC25A12 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Adult heart
Observed Staining: Cytoplasmic
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy2/3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec
Protocol located in Reviews and Data.

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A12 antibody	This is a rabbit polyclonal antibody against SLC25A12. It was validated on Western Blot using a cell lysate as a positive control. Target Description: SLC25A12 is a calcium-dependent mitochondrial aspartate and glutamate carrier. SLC25A12 may have a function in the urea cycle.
Product Categories/Family for anti-SLC25A12 antibody	Polyclonal; Drugs and Drug Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361103
NCBI GeneID	8604
NCBI Accession #	NP_003696
NCBI GenBank Nucleotide #	NM_003705
UniProt Accession #	O75746
Molecular Weight	75kDa
NCBI Official Full Name	calcium-binding mitochondrial carrier protein Aralar1
NCBI Official Synonym Full Names	solute carrier family 25 member 12
NCBI Official Symbol	SLC25A12
NCBI Official Synonym Symbols	AGC1; ARALAR; EIEE39
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/199332>