

Rabbit anti-Human, Mouse SLC25A13 Polyclonal Antibody | anti-SLC25A13 antibody

SLC25A13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327884	Rabbit	Human, Mouse	ELISA, Western Blot

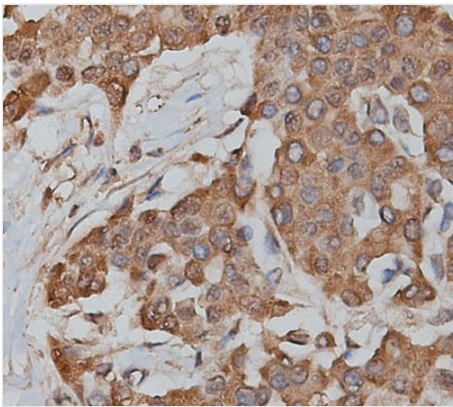
PRODUCT SYNONYMS

SLC25A13; Polyclonal Antibody; SLC25A13 Antibody; AI785475; ARALAR2; Calcium binding mitochondrial carrier protein Aralar2; Calcium-binding mitochondrial carrier protein Aralar2; Citrin; CMC2_HUMAN; CTLN2; Ctrn; Mitochondrial aspartate glutamate carrier 2; RGD1565889; Slc25a13; Solute carrier family 25 (citrin) member 13; Solute carrier family 25 member 13 (citrin); Solute carrier family 25 member 13; anti-SLC25A13 antibody

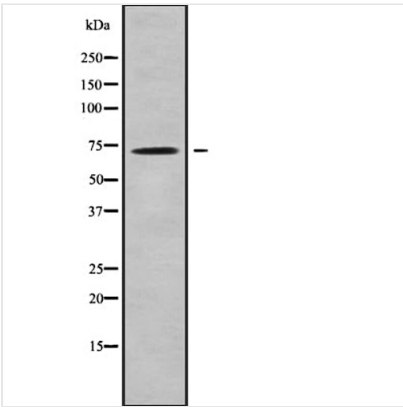
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	SLC25A13 antibody detects endogenous levels of total SLC25A13
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	676
Applicable Applications for anti-SLC25A13 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human SLC25A13
Subcellular Location	Mitochondrion Inner Membrane.
Tissue Specificity	High levels in liver and low levels in kidney, pancreas, placenta, heart and brain.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (92%), Bovine (92%), Horse (92%), Sheep (92%), Rabbit (92%), Dog (92%), Chicken (92%), Xenopus (92%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327884 at 1/200 staining human lymphoma tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis SLC25A13 using K562 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-SLC25A13 antibody	Function: Catalyzes the calcium-dependent exchange of cytoplasmic glutamate with mitochondrial aspartate across the mitochondrial inner membrane. May have a function in the urea cycle. Similarity: Belongs to the mitochondrial carrier (TC 2.A.29) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	237649019
NCBI GeneID	10165
NCBI Accession #	NP_001153682.1
NCBI GenBank Nucleotide #	NM_001160210.1
UniProt Accession #	Q9UJS0; O14566; O14575; Q546F9; Q9NZW1; Q9UNI7
Molecular Weight	Observed: 74 kDa Predicted: 75 kDa
NCBI Official Full Name	calcium-binding mitochondrial carrier protein Aralar2 isoform 1
NCBI Official Synonym Full Names	solute carrier family 25 member 13
NCBI Official Symbol	SLC25A13
NCBI Official Synonym Symbols	CTLN2; CITRIN; ARALAR2
NCBI Protein Information	calcium-binding mitochondrial carrier protein Aralar2
UniProt Protein Name	Calcium-binding mitochondrial carrier protein Aralar2
UniProt Gene Name	SLC25A13
UniProt Synonym Gene Names	ARALAR2

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.