

[Go to Product page](#)

Datasheet for ABIN752908 **anti-slc25a13 antibody (AA 351-450)**

Overview

Quantity:	100 µL
Target:	slc25a13
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This slc25a13 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SLC25A13
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target:	slc25a13
Alternative Name:	SLC25A13 (slc25a13 Products)

Target Details

Background:	<p>Synonyms: ARALAR2, Calcium binding mitochondrial carrier protein Aralar2, Citrin, CTLN2, Ctrn, Mitochondrial aspartate glutamate carrier 2, RGD1565889, Solute carrier family 25 citrin member 13, Solute carrier family 25 member 13 citrin, Solute carrier family 25 member 13, AI785475, CMC2_HUMAN.</p> <p>Background: SLC25A13 is a member of the mitochondrial carrier family. It contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. It catalyzes the exchange of aspartate for glutamate and a proton across the inner mitochondrial membrane, and is stimulated by calcium on the external side of the inner mitochondrial membrane. Mutations in the SLC25A13 gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene.</p>
Gene ID:	10165
Pathways:	Ribonucleoside Biosynthetic Process , Dicarboxylic Acid Transport

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Handling

Expiry Date: 12 months