

SLC25A13 rabbit monoclonal antibody

Catalog # H00010165-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC25A13 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC25A13 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SLC25A13 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SLC25A13

Entrez GeneID [10165](#)

GeneBank Accession# [SLC25A13](#)

Gene Name SLC25A13

Gene Alias ARALAR2, CITRIN, CTLN2

Gene Description solute carrier family 25, member 13 (citrin)

Omim ID [603471](#) [603859](#) [605814](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene is a member of the mitochondrial carrier family. The encoded protein contains four EF-hand Ca(2+) binding motifs in the N-terminal domain, and localizes to mitochondria. The protein 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 this gene result in citrullinemia, type II. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations mitochondrial aspartate glutamate carrier 2

Disease

- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Cholestasis](#)
- [Citrullinemia](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis](#)
- [Social Perception](#)
- [Tobacco Use Disorder](#)