

SLC25A12 rabbit monoclonal antibody

Catalog # H00008604-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC25A12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC25A12 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 SLC25A12 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 — SLC25A12

Entrez GeneID	8604
GeneBank Accession#	SLC25A12
Gene Name	SLC25A12
Gene Alias	ARALAR, ARALAR1
Gene Description	solute carrier family 25 (mitochondrial carrier, Aralar), member 12
Omim ID	603667
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	calcium binding mitochondrial carrier superfamily member Aralar

Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mitochondrial Diseases](#)
- [NARP](#)
- [Schizophrenia](#)
- [Social Perception](#)