SLC25A15 rabbit monoclonal antibody

Catalog # H00010166-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC25A15 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC25A15 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 SLC25A15 peptide by ELISA and mammalian transfected lysate b y 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — SLC25A15

Entrez GeneID	10166
GeneBank Accession#	SLC25A15
Gene Name	SLC25A15
Gene Alias	D13S327, HHH, ORC1, ORNT1
Gene Description	solute carrier family 25 (mitochondrial carrier; ornithine transporter) member 15
Omim ID	238970 603861
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the mitochondrial carrier family. The encoded protein transports ornithine across the inner mitochondrial membrane from the cytosol to the mitochondrial matrix. The protein is an essential component of the urea cycle, and functions in ammonium detoxification and biosynthesis of the amino acid arginine. Mutations in this gene result in hyperornithinemia-hyperammonemia-homocitrullinuria (HHH) syndrome. There is a pseudogene of this locus on the Y chromosome
Other Designations	OTTHUMP00000042249|ornithine transporter 1