SLC7A9 rabbit monoclonal antibody

Catalog # H00011136-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC7A9 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC7A9 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 SLC7A9 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 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 — SLC7A9

Entrez GeneID	11136
GeneBank Accession#	SLC7A9
Gene Name	SLC7A9
Gene Alias	BAT1, CSNU3, FLJ94301
Gene Description	solute carrier family 7 (cationic amino acid transporter, y+ system), member 9
Omim ID	220100 604144
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutr al and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tu bule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in t he urinary system due to impaired transport of cystine and dibasic amino acids. Two transcript va riants, which encode the same protein, have been found for this gene. [provided by RefSeq
Other Designations	B(0,+)-type amino acid transporter 1|bo,+ amino acid transporter|glycoprotein-associated amino acid transporter b0,+AT1|solute carrier family 7, member 9

Disease

- Cystinuria
- Genetic Predisposition to Disease
- Hyperparathyroidism
- Kidney Failure