

SLC7A11 rabbit monoclonal antibody

Catalog # H00023657-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC7A11 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC7A11 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 SLC7A11 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 — SLC7A11

Entrez GeneID	23657
GeneBank Accession#	SLC7A11
Gene Name	SLC7A11
Gene Alias	CCBR1, xCT
Gene Description	solute carrier family 7, (cationic amino acid transporter, y+ system) member 11
Omim ID	607933
Gene Ontology	Hyperlink
Gene Summary	SLC7A11 is a member of a heteromeric Na(+)-independent anionic amino acid transport system highly specific for cystine and glutamate. In this system, designated system Xc(-), the anionic form of cystine is transported in exchange for glutamate.[supplied by OMIM]
Other Designations	cystine/glutamate transporter

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Tooth Abnormalities](#)