

SLC30A7 rabbit monoclonal antibody

Catalog # H00148867-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SLC30A7 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SLC30A7 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 SLC30A7 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 — SLC30A7

Entrez GeneID	148867
GeneBank Accession#	SLC30A7
Gene Name	SLC30A7
Gene Alias	DKFZp686M0368, ZNT7, ZnT-7, ZnTL2
Gene Description	solute carrier family 30 (zinc transporter), member 7
Omim ID	611149
Gene Ontology	Hyperlink
Gene Summary	Zinc functions as a cofactor for numerous enzymes, nuclear factors, and hormones and as an intra- and intercellular signal ion. Members of the zinc transporter (ZNT)/SLC30 subfamily of the cation diffusion facilitator family, such as SLC30A7, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).[supplied by OMIM]
Other Designations	OTTHUMP00000013590 OTTHUMP00000013591 zinc transporter ZnT-7 zinc transporter like 2

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)