



Anti-SLC30A8 monoclonal antibody (DCABH-13499)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 SLC30A8, permit cellular efflux of zinc (Seve et al., 2004 [PubMed 15154973]).
Immunogen	A synthetic peptide of human SLC30A8 is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC30A8 solute carrier family 30 (zinc transporter), member 8 [Homo sapiens]
Official Symbol	SLC30A8

Synonyms	SLC30A8; solute carrier family 30 (zinc transporter), member 8; zinc transporter 8; zinc transporter ZnT-8; ZNT8; ZnT-8;
Entrez Gene ID	169026
Protein Refseq	NP_001166282
UniProt ID	Q8IWU4
Chromosome Location	8q24.11
Pathway	Metal ion SLC transporters, organism-specific biosystem; SLC-mediated transmembrane transport, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds, organism-specific biosystem; Zinc efflux and compartmentalization by the SLC30 family, organism-specific biosystem; Zinc transporters, organism-specific biosystem;
Function	cation transmembrane transporter activity; protein homodimerization activity; zinc ion binding; zinc ion transmembrane transporter activity;