



Anti-SLC39A10 (aa 514-621) polyclonal antibody (DPAB-DC2571)

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

PRODUCT INFORMATION

Antigen Description	Zinc is an essential cofactor for hundreds of enzymes. It is involved in protein, nucleic acid, carbohydrate, and lipid metabolism, as well as in the control of gene transcription, growth, development, and differentiation. SLC39A10 belongs to a subfamily of proteins that show structural characteristics of zinc transporters (Taylor and Nicholson, 2003 [PubMed 12659941]).[supplied by OMIM, Mar 2008]
Immunogen	SLC39A10 (NP_065075, 514 a.a. ~ 621 a.a) partial recombinant protein with GST tag. The sequence is CIRMFKHYKQQRGKQKWFMKQNTTEESTIGRKLSDHKLNNTPDSDWLQLKPLAGTDDSVVS EDRLNETELTDLEGQQESPPKNYLCIEEEKIIDHSHSDGLHTIHEHDL
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC39A10 solute carrier family 39 (zinc transporter), member 10 [Homo sapiens (human)]
Official Symbol	SLC39A10
Synonyms	SLC39A10; solute carrier family 39 (zinc transporter), member 10; LZT-Hs2; zinc transporter ZIP10; ZIP-10; zrt- and Irt-like protein 10; solute carrier family 39 member 10; solute carrier family 39 (metal ion transporter), member 10;
Entrez Gene ID	57181
Protein Refseq	NP_001120729
UniProt ID	A0A024R3W5
Chromosome Location	2q32.3
Pathway	Metal ion SLC transporters; Transmembrane transport of small molecules; Zinc influx into cells by the SLC39 gene family;
Function	metal ion transmembrane transporter activity;