



Anti-SLC7A3 polyclonal antibody (DPAB-DC3505)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the solute carrier family 7. The encoded protein is a sodium-independent cationic amino acid transporter. Alternate splicing results in multiple transcripts that encoded the same protein.[provided by RefSeq, May 2010]
Immunogen	Recombinant protein corresponding to amino acids of human SLC7A3. The sequence is RYQPDQETKTGEEVELQEEAITTESEKLTWGLFFPLNSIPTPLSGQI
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	IHC-P,
Format	Liquid
Size	100 µl
Buffer	In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)
Preservative	0.02% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	SLC7A3 solute carrier family 7 (cationic amino acid transporter, y⁺ system), member 3 [Homo sapiens (human)]
Official Symbol	SLC7A3
Synonyms	SLC7A3; solute carrier family 7 (cationic amino acid transporter, y ⁺ system), member 3; CAT3; ATRC3; CAT-3; cationic amino acid transporter 3;
Entrez Gene ID	84889
Protein Refseq	NP_001041629
UniProt ID	Q8WY07
Chromosome Location	Xq13.1
Pathway	Amino acid transport across the plasma membrane; Transmembrane transport of small molecules.
Function	L-lysine transmembrane transporter activity; arginine transmembrane transporter activity; cationic amino acid transmembrane transporter activity;