



# Anti-SLC7A3 polyclonal antibody (DPAB-DC3505)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	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]
<b>Immunogen</b>	Recombinant protein corresponding to amino acids of human SLC7A3. The sequence is RYQPDQETKTGEEVELQEEAITTESEKLTWGLFFPLNSIPTPLSGQI
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P,
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	In PBS, pH 7.5 (40% glycerol, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">SLC7A3 solute carrier family 7 (cationic amino acid transporter, y+ system), member 3 [ Homo sapiens (human) ]</a>
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	<a href="#">84889</a>
Protein Refseq	<a href="#">NP_001041629</a>
UniProt ID	<a href="#">Q8WY07</a>
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;