



# Anti-SLC7A3 (aa 130-179) polyclonal antibody (DPABH-27340)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Mediates the uptake of the cationic amino acids arginine, lysine and ornithine in a sodium-independent manner.
<b>Immunogen</b>	Synthetic peptide corresponding to a region within internal sequence amino acids 130-179 (RAWSSAFDNL IGNHISRTLK TILLKMPHVL EYPDFFALAL LLLTGLL) of Mouse SLC7A3 (NP_031541).
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Size</b>	50 µg
<b>Buffer</b>	Constituents: 98% PBS, 2% Sucrose
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

## GENE INFORMATION

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<b>Gene Name</b>	<a href="#">SLC7A3 solute carrier family 7 (cationic amino acid transporter, y<sup>+</sup> system), member 4 [ Mus musculus ]</a>
<b>Official Symbol</b>	SLC7A3
<b>Synonyms</b>	SLC7A3; solute carrier family 7 (cationic amino acid transporter, y <sup>+</sup> system), member 3; CAT3; Atrc3; SLC7A1; SLC7A2; cationic amino acid transporter 3; CAT-3; solute carrier family 7 member 3; amino acid transporter, cationic 3; cationic amino acid transporter y <sup>+</sup> ;
<b>Entrez Gene ID</b>	<a href="#">11989</a>
<b>Protein Refseq</b>	<a href="#">NP_031541.1</a>
<b>UniProt ID</b>	<a href="#">P70423</a>
<b>Pathway</b>	Amino acid transport across the plasma membrane; Transmembrane transport of small molecules;
<b>Function</b>	L-lysine transmembrane transporter activity; L-lysine transmembrane transporter activity; L-ornithine transmembrane transporter activity; amino acid transmembrane transporter activity

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