



# Anti-SLC6A6 (aa 570-620) polyclonal antibody (DPABH-01185)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Required for the uptake of taurine. Transports both taurine and beta-alanine which requires sodium ions. Chloride ions are necessary for optimal uptake.
<b>Immunogen</b>	Synthetic peptide: G PFLVRVKY LL TPREP NR WAV EREGAT PYNS RTVMN GALVK PTHI IVETMM , corresponding to amino acids 570-620 of Human Slc6a6
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituents: 49.1% PBS, 50% Glycerol, 0.88% Sodium chloride. Note: PBS is without Mg2+ and Ca2+
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Stable for 12 months at -20°C

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SLC6A6 solute carrier family 6 (neurotransmitter transporter), member 7 [ Homo sapiens ]</a>
<b>Official Symbol</b>	SLC6A6
<b>Synonyms</b>	SLC6A6; solute carrier family 6 (neurotransmitter transporter), member 6; TAUT; sodium- and chloride-dependent taurine transporter; solute carrier family 6 (neurotransmitter transporter, taurine), member 6;
<b>Entrez Gene ID</b>	<a href="#">6533</a>
<b>Protein Refseq</b>	<a href="#">NP_001127839.2</a>
<b>UniProt ID</b>	<a href="#">A0A087WY96</a>
<b>Pathway</b>	Amino acid transport across the plasma membrane; SLC-mediated transmembrane transport; Transport of glucose and other sugars, bile salts and organic acids, metal ions and amine compounds;
<b>Function</b>	neurotransmitter:sodium symporter activity; taurine binding; taurine:sodium symporter activity;