

## SLC6A5 Polyclonal Antibody

<b>Catalog No.</b>	A11647	<b>Category</b>	Polyclonal Antibodies
<b>Applications</b>	WB	<b>Observed MW</b>	60kDa
<b>Cross-reactivity</b>	Human, Mouse, Rat	<b>Calculated MW</b>	87kDa

### Immunogen Information

<b>Immunogen</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human SLC6A5 (NP_004202.3).
<b>Gene ID</b>	9152
<b>Swiss prot</b>	Q9Y345
<b>Synonyms</b>	SLC6A5; GLYT-2; GLYT2; HKPX3; NET1; solute carrier family 6 member 5

### Product information

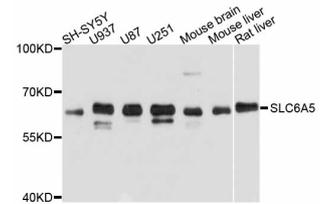
<b>Source</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification method</b>	Affinity purification
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

### Background

This gene encodes a sodium- and chloride-dependent glycine neurotransmitter transporter. This integral membrane glycoprotein is responsible for the clearance of extracellular glycine during glycine-mediated neurotransmission. This protein is found in glycinergic axons and maintains a high presynaptic pool of neurotransmitter at glycinergic synapses. Mutations in this gene cause hyperekplexia; a heterogenous neurological disorder characterized by exaggerated startle responses and neonatal apnea. Two transcript variants encoding different isoforms have been found for this gene.

### Recommended Dilutions

WB 1:500 -  
1:2000



Western blot - SLC6A5 Polyclonal Antibody (A11647)