

	SLC6A5	E 9 1 1 6 4 7
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Antibody type:	Polyclonal Antibody
Applications:	WB
Reactivity:	Human Mouse Rat
Molecular Weight:	87kDa
Immunogen:	Recombinant protein of human SLC6A5
Gene ID:	9152
Swiss-Prot No.:	Q9Y345
Altername:	GLYT-2;GLYT2;HKPX3;NET1
Source:	Rabbit
Isotype:	IgG
Purification:	Affinity purification
Storage/Stability:	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

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	neurological disorder characterized by exaggerated startle responses and neonatal apnea. Two transcript variants encoding different isoforms have been found for this gene.
Dilution:	WB 1:500 - 1:2000
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.