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Glyt2 Antibody

Rabbit mAb
Catalog # AP92942

Product Information

Application	WB
Primary Accession	Q9Y345
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	Glycine transporter; GlyT2; NET1; SC6AC5; Slc6a5; Slc6a9;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	87434

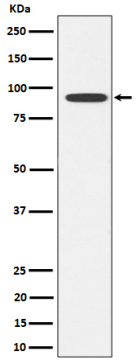
Additional Information

Dilution	WB 1:500~1:2000
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Glyt2
Description	Terminates the action of glycine by its high affinity sodium-dependent reuptake into presynaptic terminals. May be responsible for the termination of neurotransmission at strychnine-sensitive glycinergic synapses.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	SLC6A5
Synonyms	GLYT2, NET1
Function	Sodium- and chloride-dependent glycine transporter (PubMed: 10381548, PubMed:10606742, PubMed:16751771, PubMed:31370103, PubMed:9845349). Terminates the action of glycine by its high affinity sodium-dependent reuptake into presynaptic terminals (PubMed:9845349). May be responsible for the termination of neurotransmission at strychnine-sensitive glycinergic synapses (PubMed:9845349).
Cellular Location	Cell membrane; Multi-pass membrane protein
Tissue Location	Expressed in medulla, and to a lesser extent in spinal cord and cerebellum.

Images



Western blot analysis of Glyt2 expression in SH-SY5Y cell lysate.