10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-Glyt2 Rabbit Monoclonal Antibody

Catalog # ABO16402

Product Information

Application	WB
Primary Accession	Q9Y345
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-Glyt2 Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	9152
Other Names	Sodium- and chloride-dependent glycine transporter 2, GlyT-2, GlyT2, Solute carrier family 6 member 5, SLC6A5, GLYT2, NET1
Calculated MW	87434
Application Details	WB 1:500-1:2000
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 29S38
Immunogen	A synthesized peptide derived from human Glyt2
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

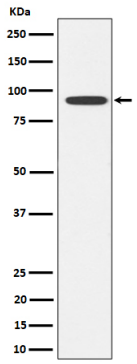
Name	SLC6A5
Synonyms	GLYT2, NET1
Function	Sodium- and chloride-dependent glycine transporter (PubMed: 10381548, PubMed:10606742, PubMed:16751771, PubMed:31370103, PubMed:9845349). Terminates the action of glycine by its high affinity

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.