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# Glyt2 Antibody

Rabbit mAb
Catalog # AP92942

## Product Information

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|---|---|
| **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 |

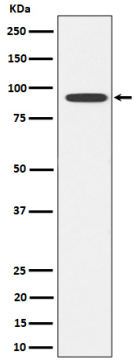
## Additional Information

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| **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

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| **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'.