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# Product datasheet for TA381697

## Glyt2 (SLC6A5) Rabbit Polyclonal Antibody

## Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB,1:500 - 1:2000 |
| **Reactivity:** | Human, Mouse, Rat |
| **Modifications:** | Unmodified |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human SLC6A5 (NP_004202.3). |
| **Formulation:** | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20℃. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 87kDa |
| **Gene Name:** | solute carrier family 6 member 5 |
| **Database Link:** | Entrez Gene 9152 Human<br>Q9Y345 |
| **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. |

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**Synonyms:**             GlyT-2; GLYT2; NET1

## Product images:
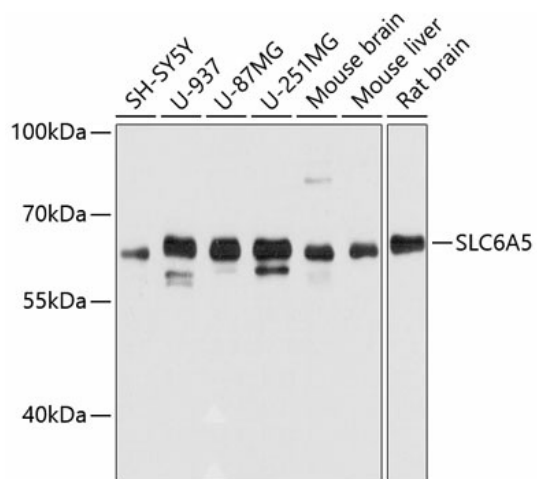


Western blot analysis of extracts of various cell lines, using SLC6A5 antibody (TA381697) at 1:3000 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Basic Kit .|Exposure time: 5s.