# Recombinant Glyt2 Monoclonal Antibody

**catalog number:** **AN301241L**

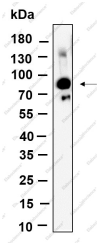
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## Description

| | |
|---|---|
| **Reactivity** | Human;Mouse;Rat |
| **Immunogen** | Recombinant Human Glyt2 protein |
| **Host** | Rabbit |
| **Isotype** | Rabbit IgG |
| **Clone** | C130864 |
| **Purification** | Protein A |
| **Buffer** | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:1000-1:5000 |

## Data




Western Blot with Recombinant Glyt2 Monoclonal Antibody at dilution of 1:1000 dilution. Lane A: Mouse brain lysate.

**Observed-MW:88 kDa**

**Calculated-MW:88 kDa**

## Preparation & Storage

| | |
|---|---|
| **Storage** | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| **Shipping** | Ice bag |

## 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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