

Rev. V1.1



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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

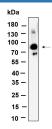
HostRabbitIsotypeIgG,KCloneB1004PurificationProtein A

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 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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