
GLRA1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252031

Unit: 0.1 mg

Description:

The glycine receptor (GLAR1) is a neurotransmitter-gated ion channel. Binding of glycine to GLAR1 increases the chloride conductance and thus produces hyperpolarization (inhibition of neuronal firing). Defects in GLRA1 are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. STHE is a genetically heterogeneous neurologic disorder characterized by muscular rigidity of central nervous system origin, particularly in the neonatal period, and by an exaggerated startle response to unexpected acoustic or tactile stimuli.

Isotype: Rabbit Ig

Applications: E, WB, IHC, IP

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Glycine receptor subunit alpha-1; Glycine receptor 48 kDa subunit; Glycine receptor strychnine-binding subunit; GLRA1

Accession No.: P23415

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human GLAR1.

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:1,000

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.