Product datasheet for TA321076

alpha 1 Glycine Receptor (GLRA1) Rabbit Polyclonal Antibody

Product data:

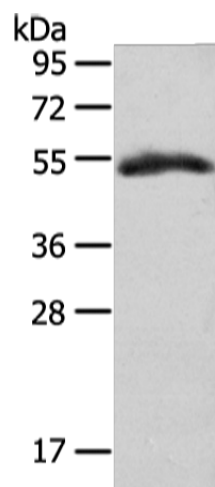|	
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 500-2000
	WB positive control: Human placenta tissue
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 219-233 amino acids of Human glycine receptor, alpha 1
Formulation:	PBS pH7.3, 0.05% NaN3, 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	53 kDa
Gene Name:	glycine receptor alpha 1
Database Link:	NP_000162
	Entrez Gene 14654 Mouse Entrez Gene 25674 Rat Entrez Gene 2741 Human
	P23415
Background:	Glycine receptor subunit alpha-1 is a protein that in humans is encoded by the GLRA1 gene. The protein encoded by this gene is a subunit of a pentameric inhibitory glycine receptor. The receptor mediates postsynaptic inhibition in the central nervous system. Defects in this gene are a cause of startle disease (STHE), also known as hereditary hyperekplexia or congenital stiff-person syndrome. Two transcript variants encoding different isoforms have been found for this gene.
Synonyms:	HKPX1; STHE

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Protein Families: Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane

Protein Pathways: Neuroactive ligand-receptor interaction

Product images:

Gel: 8%SDS-PAGE
Lysate: 40 μg
Lane: Human placenta tissue
Primary antibody: TA321076 (GLRA1 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 2 minutes