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EB11795 - Goat Anti-Glycine receptor, alpha 1 (intracellular) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Glra1, glycine receptor 48 kDa subunit, glycine receptor strychnine-binding subunit, glycine receptor subunit alpha-1, glycine receptor, alpha 1, glycine receptor, alpha 1 subunit, GLYRA1

Official Symbol: Glra1

Accession Number(s): NP_037265.1

Human GeneID(s): 2741

Non-Human GenelD(s): 14654 (mouse), 25674 (rat)

Important Comments: The immunizing peptide represents part of the cytoplasmic domain. The antibody is not expected to cross-react with other glycine receptor alpha proteins.

Immunogen

Peptide with sequence CLQAKDGISVKGAN, from the internal region of the protein sequence according to NP_037265.1.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 60kDa band observed in Mouse and Rat Testis lysates (calculated MW of 51.7kDa according to Mouse NP_065238.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: $0.3-1\mu g/ml$. Primary incubation was 1 hour.

IHC: Paraffin embedded Human Lung and Kidney. Recommended concentration: 5µg/ml.

Species Reactivity

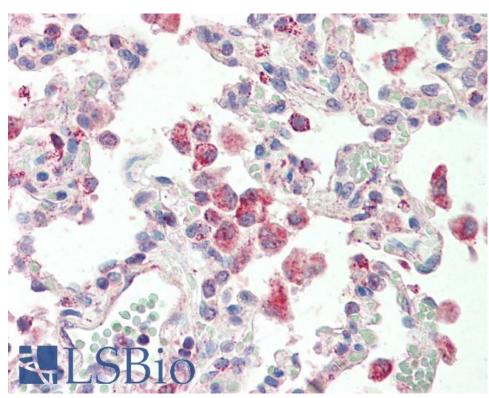
Tested: Human, Mouse, Rat

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

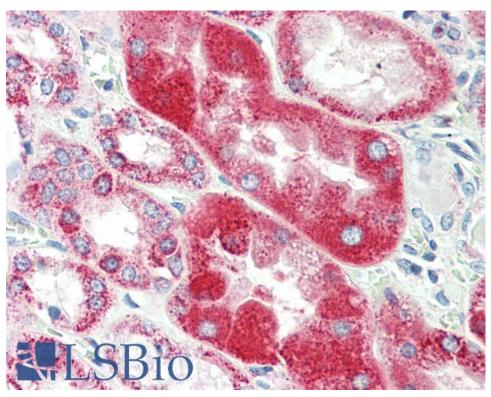
250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa

EB11795 (0.3 μ g/ml) staining of Mouse Testis lysate (35 μ g protein in RIPA buffer). Detected by chemiluminescence.



EB11795 (5μg/ml) staining of paraffin embedded Human Lung. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB11795 ($5\mu g/ml$) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.