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**Research Use Only. Not for
diagnostic or therapeutic use.**

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 GeneID(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.

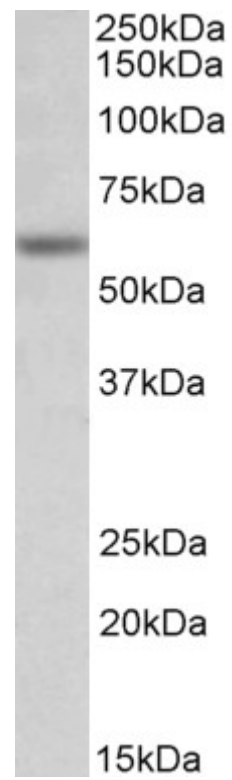
Western blot: Approx 60kDa band observed in Mouse and Rat Testis lysates (calculated MW of 51.7kDa according to Mouse NP_065238.2). The observed molecular weight corresponds to the glycosylated form. Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.

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

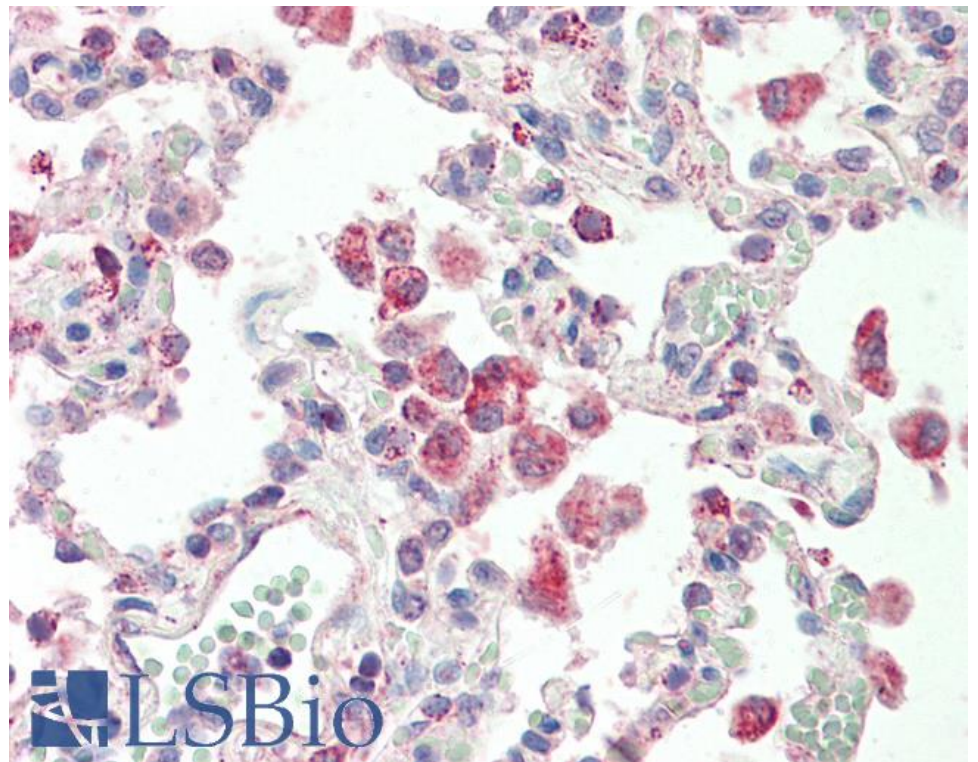
Species Reactivity

Tested: Human, Mouse, Rat

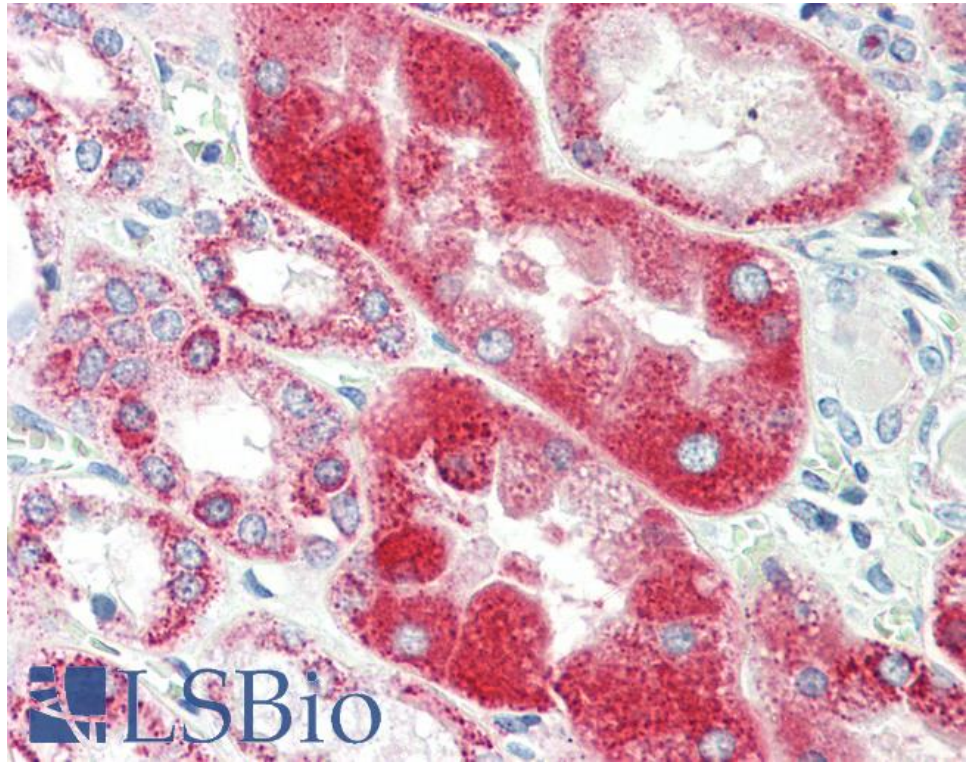
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



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



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



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