

## UK Office

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

## EB07563 - Goat Anti-GALR1 (internal) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GALR1, galanin receptor 1, GALNR, GALNR1

**Official Symbol:** GALR1

**Accession Number(s):** NP\_001471.2

**Human GeneID(s):** [2587](#)

**Non-Human GeneID(s):** 14427 (mouse), 50577 (rat)

### Immunogen

Peptide with sequence C-RSKPGKPRSTTN, from the internal region of the protein sequence according to NP\_001471.2.

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 24-25kDa and 37kDa bands observed in lysates of Rat Spinal Cord (calculated MW of 24.9kDa according to Rat NP\_037090.1 and calculated MW of 38.9kDa according to AAC52438.1 and sp Q62805). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Rat

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

EB07563 (0.1µg/ml) staining of Rat Spinal Cord lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.