



## UK Office

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

## EB11019 - Goat Anti-Histamine Receptor H2 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Hrh2, histamine receptor H2, H2R, HH2R, gastric receptor 1, gastric receptor I, histamine H2 receptor, gastric receptor 1, gastric receptor I, H2R, HH2R, histamine H2 receptor, histamine receptor H2, Hrh2

**Official Symbol:** Hrh2

**Accession Number(s):** NP\_001010973.1; NP\_032312.2

**Non-Human GeneID(s):** 15466 (mouse), 25461 (rat)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_001124527.1; NP\_071640.1).

### Immunogen

Peptide with sequence C-NRNSHKTSLSNASQ, from the internal region of the protein sequence according to NP\_001010973.1; NP\_032312.2.

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 1:64000.

**Western blot:** Preliminary experiments gave an approx 27kDa band in Mouse Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 44.8kDa according to NP\_001010973.1. The 27kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Mouse, Rat