

## UK Office

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

## EB11020 - Goat Anti-Histamine Receptor H2 (aa309-323) (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\_001399939.1; NP\_001010973.1

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

**Important Comments:** This antibody is expected to recognize Mouse NP\_001399939.1 iso 3, NP\_001010973.1 iso 1 and Rat NP\_001010973.1.

### Immunogen

Peptide with sequence C-SHNSHKTSRLNNS, from the internal region of the protein sequence according to NP\_001399939.1; NP\_001010973.1.

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

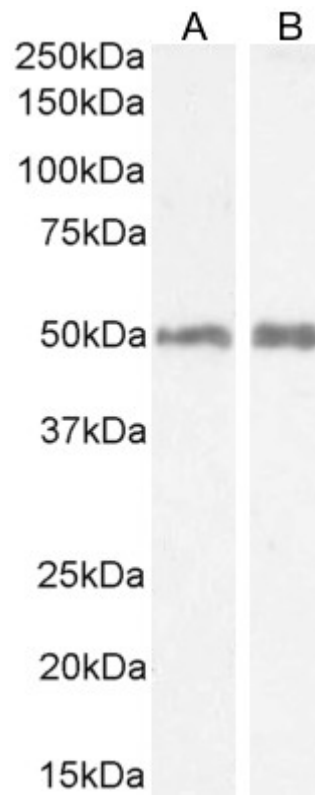
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx. 50kDa band observed in Mouse Stomach and Rat Small Intestine lysates (calculated MW of 47.3kDa according to Mouse NP\_001399939.1 and 45.2kDa according to Rat NP\_001399940.1). Recommended concentration: 0.5-2ug/ml. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Mouse, Rat

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



EB11020 (0.5 $\mu$ g/ml) staining of Mouse Stomach lysate (A) and (2 $\mu$ g/ml) Rat Small Intestine lysate (B) (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.