

## UK Office

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

## EB11020 - Goat Anti-Histamine Receptor H2 (aa309-323) 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\_001124527.1; NP\_071640.1

**Human GeneID(s):** [3274](#)

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

### Immunogen

Peptide with sequence C-SHNSHKTSRLNNS, from the internal region of the protein sequence according to NP\_001124527.1; NP\_071640.1.

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

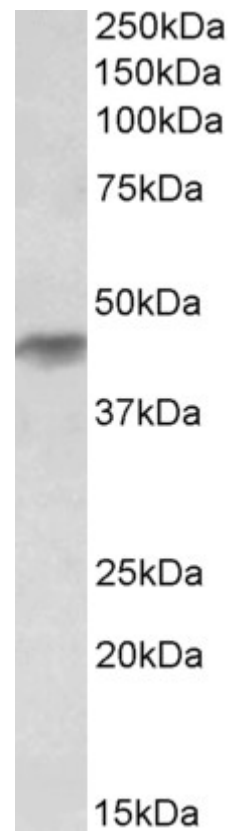
**Peptide ELISA:** antibody detection limit dilution 1:32000.

**Western blot:** Approx 45kDa band observed in Human Duodenum and Ileum lysates (calculated MW of 44.5kDa according to NP\_001124527.1). Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB11020 (0.1 µg/ml) staining of Duodenum lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.