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

Size: 100µg specific antibody in 200µl

International Office

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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-NRNSHKTSLRSNASQ, 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