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EB07846 - Goat Anti-Ramp1 (mouse) (aa57-68) Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: Ramp1, receptor (G protein-coupled) activity modifying protein 1, calcitonin receptor-like receptor activity modifying protein 1, receptor (calcitonin) activity modifying protein 1, receptor activity modifying protein 1, receptor activity-modifying protein
Official Symbol: RAMP1
Accession Number(s): NP_058590.1; NP_113833.1
Non-Human GeneID(s): 51801 (mouse), 58965 (rat)

Immunogen

Peptide with sequence CDWGKTIQSYGE, from the internal region of the protein sequence according to NP_058590.1; NP_113833.1.

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: Western Blot: Preliminary experiments gave an approx 37kDa band in Rat Brain, Pancreas and Uterus lysates after 0.3µg/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 16.8kDa according to NP_113833.1. The 37kDa 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