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diagnostic or therapeutic use.**

EB07845 - Goat Anti-RAMP1 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 1

Official Symbol: RAMP1

Accession Number(s): NP_005846.1

Human GeneID(s): [10267](#)

Immunogen

Peptide with sequence RTIRSYRELADC, from the internal region of the protein sequence according to NP_005846.1.

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 bands at approx 125kDa and 30kDa in Human Brain and Human Breast cancer lysates after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 17.0kDa according to NP_005846.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). 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: Human