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Research Use Only. Not for diagnostic or therapeutic use.

EB07509 - Goat Anti-CCKA Receptor (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: Cckar, cholecystokinin A receptor, AW106902

Official Symbol: Cckar

Accession Number(s): NP_033957.1

Non-Human GenelD(s): 12425 (mouse), 24889 (rat)

Immunogen

Peptide with sequence C-KFDASQKKSAKEKR, from the internal region of the protein sequence according to NP_033957.1.

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 1:64000.

Western blot: Approx. 75kDa band observed in purified membranes of Rat insulinoma cell line RIN14B (calculated MW of 48.4kDa according to NP_033957.1). Data were published by El-Kouhen K and Morisset J. Int J Endocrinol. 2009;2009:875167; PMID: 20011057. The observed molecular weight also corresponds to earlier findings in literature with different antibodies (Morisset et al J Histochem Cytochem. 2003 Nov;51(11):1501-13; PMID: 14566022). Recommended concentration: 0.1-0.3μg/ml.

Species Reactivity

Tested: Rat

Expected from sequence similarity: Mouse, Rat

Specific References

This antibody has been successfully used in IF on Rat:

El-Kouhen K, Morisset J.

Control of somatostatin (SS) secretion by CCK-1 and CCK-2 receptors' occupation in RIN-14B cells, a rat pancreatic islet cell line.

Pancreas. 2010 Mar;39(2):127-34.

PMID: 19959964

This antibody has been successfully used in WB on Rat:

El-Kouhen K, Morisset J.

Cholecystokinin and Somatostatin Negatively Affect Growth of the Somatostatin-RIN-14B

Int J Endocrinol. 2009; 875167.

PMID: 20011057