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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 GeneID(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 pancreatic cells (RIN-14B)) in the following paper:

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 the following paper:

El-Kouhen K, Morisset J.

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

Int J Endocrinol. 2009;2009:875167.

PMID: 20011057