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Research Use Only. Not for diagnostic or therapeutic use.

EB06863 - Goat Anti-Orexin receptor 1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HCRTR1, OX1R, hypocretin (orexin) receptor 1, orexin receptor, orexin

receptor 1, orexin receptor-1, hypocretin receptor 1, hypocretin receptor-1

Official Symbol: HCRTR1

Accession Number(s): NP_001516.1

Human GeneID(s): 3061

Immunogen

Peptide with sequence C-RNWKRPSDQLGD, from the internal region of the protein sequence according to NP_001516.1.

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 1:8000.

Western blot: Approx 48+35kDa band observed in Human Brain lysates (calculated MW of 47.5kDa according to NP_001516.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Silveyra et al, Am J Physiol Endocrinol Metab. 2007 Oct;293(4):E977-85; PMID: 17638707). Recommended concentration: 0.1-0.3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Sheep



EB06863 (0.1 μ g/ml) staining of Human Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.