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Research Use Only. Not for diagnostic or therapeutic use.

EB07639 - Goat Anti-Npy2r (mouse) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: NPY2R, neuropeptide Y receptor Y2, MGC124241, MGC124242,

MGC124244, NPY-Y2 receptor, NPY2-R

Official Symbol: Npy2r

Accession Number(s): NP_032757.1

Human GeneID(s): 4887

Non-Human GenelD(s): 18167 (mouse), 66024 (rat)

Important Comments: Pease note this antibody was designed using the Mouse sequence NP_032757.1, which differs by 1 amino acid from the Human sequence

NP_000901.1.

Immunogen

Peptide with sequence C-KAKKNLEVKKNN, from the internal region of the protein sequence according to NP_032757.1.

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 1:4000.

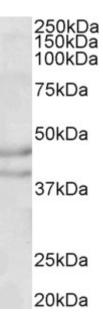
Western blot: Approx 40+45kDa band observed in Rat Brain lysates (calculated MW of 42.6kDa according to NP_032757.1). Recommended concentration: 0.1-0.3μg/ml.

Immunoprecipitation: A customer successfully used this product for IP of Human Y2R, but the Human Y2R could not be detected in WB by this antibody.

Species Reactivity

Tested: Rat

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



EB07639 (0.1 μ g/ml) staining of Rat Brain lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.