



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB06769-B - Goat Anti-Neuropeptide Y receptor Y5, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** NPY5R, neuropeptide Y receptor Y5, NPY5-R, NPYR5, NPYY5-R, NPY-Y5 receptor, Y5 receptor, HGNC:7958

**Official Symbol:** NPY5R

**Accession Number(s):** NP\_006165.1

**Human GeneID(s):** [4889](#)

**Non-Human GeneID(s):** 18168 (mouse), 25340 (rat)

### Immunogen

Peptide with sequence C-GLSNKENRLEEN., from the internal region of the protein sequence according to NP\_006165.1.

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 1:32000.

**Western blot:** Approx 50kDa band observed in Human Brain (Cerebellum) lysates (calculated MW of 50.7kDa according to NP\_006165.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

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

Biotinylated EB06769 (0.3µg/ml) staining of Human Cerebellum lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.