

## Goat anti-Npy2r (mouse) Antibody

<b>Item Number</b>	dAP-1043
<b>Target Molecule</b>	Principle Name: Npy2r (mouse); Official Symbol: Npy2r; All Names and Symbols: Npy2r; neuropeptide Y receptor Y2; MGC124241; MGC124242; MGC124244; NPY-Y2 receptor; Accession Number (s): NP_032757.1; Human Gene ID(s): 4887; Non-Human GeneID(s): 18167 (mouse) 66024 (rat)
<b>Immunogen</b>	KAKKNLEVKKNN, is from internal region Please 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.
<b>Applications</b>	Pep ELISA, WB, IP  Species Tested: Human, Rat
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 40+45kDa bands observed in Rat Brain lysates (calculated MW of 42.6kDa according to NP032757.1). Recommended concentration: 0.1-0.3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Korner M, Waser B, Reubi JC. High expression of neuropeptide y receptors in tumors of the human adrenal gland and extra-adrenal paraganglia. Clin Cancer Res. 2004 Dec 15;10(24):8426-33. .PMID: 15623622 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**