

## Goat anti-Neuropeptide Y receptor Y5 Antibody

<b>Item Number</b>	dAP-0648
<b>Target Molecule</b>	Principle Name: Neuropeptide Y receptor Y5; Official Symbol: NPY5R; All Names and Symbols: neuropeptide Y receptor Y5 ; HGNC:7958; NPY5R; NPYR5; Accession Number (s): NP_006165.1; Human Gene ID (s): 4889; Non-Human GeneID(s): 18168 (mouse) 25340 (rat)
<b>Immunogen</b>	GLSNKENRLEEN, is from internal region
<b>Applications</b>	Pep ELISA, WB, IP, IHC Species Tested: Human
<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 50kDa band observed in Human Brain, Breast and Duodenum lysates (calculated MW of 50.7kDa according to NP_006165.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Intestine shows staining of ganglion cells. Recommended concentration, 4-6µg/ml.
<b>Reference</b>	Reference(s): Badman MK, Flier JS. The gut and energy balance: visceral allies in the obesity wars. Science. 2005 Mar 25;307(5717):1909-14. Review. .PMID: 15790843 ->

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**