



Goat anti-Galanin Receptor 3 Antibody

Item Number	dAP-0833
Target Molecule	Principle Name: Galanin Receptor 3; Official Symbol: GALR3; All Names and Symbols: galanin receptor 3; OTTHUMP00000028820; GALR3; galanin receptor, family member 3; Accession Number (s): NP_003605.1; Human Gene ID(s): 8484; Non-Human GeneID(s):
Immunogen	QGPEPREGPVHGGE, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 37kDa band observed in Human Skin and Human Testes lysates (calculated MW of 39.6kDa according to NP_003605.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows cellular membrane staining of spermatocytes. Recommended concentration, 4-6µg/ml.
Reference	Reference(s): Swanson CJ, Blackburn TP, Zhang X, Zheng K, Xu ZQ, Hokfelt T, Wolinsky TD, Konkel MJ, Chen H, Zhong H, Walker MW, Craig DA, Gerald CP, Branchek TA. Anxiolytic- and antidepressant-like profiles of the galanin-3 receptor (Gal3) antagonists SNAP 37889 and SNAP 398299. Proc Natl Acad Sci U

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**