

## Goat anti-GALR1 (internal) Antibody

Item Number	dAP-1020
Target Molecule	Principle Name: GALR1 (internal); Official Symbol: GALR1; All Names and Symbols: GALR1; galanin receptor 1; GALNR; GALNR1; Accession Number (s): NP_001471.2; Human Gene ID(s): 2587; Non-Human GenelD(s): 14427 (mouse) 50577 (rat)
Immunogen	RSKPGKPRSTTN, is from internal region
Applications	Pep ELISA, WB Species Tested: Rat
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 128000.
Western Blot	Western Blot: Approx 24-25kDa and 37kDa bands observed in lysates of Rat Spinal Cord (calculated MW of 24.9kDa according to Rat NP_037090.1 and calculated MW of 38.9kDa according to AAC52438.1 and sp Q62805). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Henson BS, Neubig RR, Jang I, Ogawa T, Zhang Z, Carey TE, D'Silva NJ. Galanin receptor 1 has anti-proliferative effects in oral squamous cell carcinoma. <i>J Biol Chem.</i> 2005 Jun 17;280(24):22564-71. Epub 2005 Mar 14. PMID: 15767248 ->

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 end users! This product is sold for **Research Use Only**