

## Goat anti-GALR1 (C Term) Antibody

<b>Item Number</b>	dAP-1021
<b>Target Molecule</b>	Principle Name: GALR1 (C Term); Official Symbol: GALR1; All Names and Symbols: GALR1; galanin receptor 1; GALNR; GALNR1; Accession Number (s): NP_001471.1; Human Gene ID(s): 2587; Non-Human GeneID(s):
<b>Immunogen</b>	HLSDTKENKSRID, is from C Terminus
<b>Applications</b>	Pep ELISA, WB 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 64000.
<b>Western Blot</b>	Western Blot: Approx 40kDa band observed in Human Heart lysates (calculated MW of 38.9kDa according to NP_001471.1). Recommended concentration: 0.1-0.3µg/ml. An additional band of unknown identity was also consistently observed at 150kDa. This band was
<b>IHC</b>	
<b>Reference</b>	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. J Biol Chem. 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 ender users! This product is sold for **Research Use Only**