

Rabbit anti-Human galanin receptor 2 Polyclonal Antibody | anti-GALR2 antibody

galanin receptor 2 antibody

CATALOG # AAA307900	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

galanin receptor 2; Polyclonal Antibody; galanin receptor 2 antibody; anti-GALR2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Purified by antigen-affinity chromatography.
Form/Format	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Sequence Length	387
Applicable Applications for anti-GALR2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 212 and 277 of Human GALR2
Target Name	galanin receptor 2
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Skin, using Galanin Receptor 2 antibody(10 ug/ml).



Application Data

Sample(30 ug whole cell lysate)A: 293TB: H129910% SDS PAGEPrimary antibody diluted at 1: 1000

ADDITIONAL INFORMATION

Related Product Information for anti-GALR2 antibody

Galanin is an important neuromodulator present in the brain, gastrointestinal system, and hypothalamopituitary axis. It is a 30-amino acid non-C-terminally amidated peptide that potently stimulates growth hormone secretion, inhibits cardiac vagal slowing of heart rate, abolishes sinus arrhythmia, and inhibits postprandial gastrointestinal motility. The actions of galanin are mediated through interaction with specific membrane receptors that are members of the 7-transmembrane family of G protein-coupled receptors. GALR2 interacts with the N-terminal residues of the galanin peptide. The primary signaling mechanism for GALR2 is through the phospholipase C/protein kinase C pathway (via Gq), in contrast to GALR1, which communicates its intracellular signal by inhibition of adenylyl cyclase through Gi. However, it has been demonstrated that GALR2 couples efficiently to both the Gq and Gi proteins to simultaneously activate 2 independent signal transduction pathways. [provided by RefSeq]

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503905
NCBI GeneID	8811
NCBI Accession #	NP_003848
NCBI GenBank Nucleotide #	NM_003857.3
Molecular Weight	41,700 Da
NCBI Official Full Name	galanin receptor type 2
NCBI Official Synonym Full Names	galanin receptor 2
NCBI Official Symbol	GALR2
NCBI Official Synonym Symbols	GAL2-R; GALNR2; GALR-2
NCBI Protein Information	galanin receptor type 2
UniProt Protein Name	Galanin receptor type 2
UniProt Gene Name	GALR2
UniProt Synonym Gene Names	GALNR2; GAL2-R; GALR-2
UniProt Entry Name	GALR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/galanin-receptor-2-antibody-immunohistochemistry-western-blot-elisa/307900>