

兔抗 GALR2 多克隆抗体

- 中文名称：兔抗 GALR2 多克隆抗体
- 英文名称：Anti-GALR2 rabbit polyclonal antibody
- 别名：galanin receptor 2; GAL2-R; GALNR2; GALR-2
- 相关类别：一抗
- 抗原：GALR2
- 储存：冷冻（-20℃）
- 宿主：Rabbit
- 反应种属：Human, Mouse, Rat
- 标记物：Unconjugate
- 克隆类型：rabbit polyclonal

技术规格

Background:

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.

	se 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.
Applications:	ELISA, IHC
Name of antibody:	GALR2
Immunogen:	Synthetic peptide of human GALR2
Full name:	galanin receptor 2
Synonyms:	GAL2-R; GALNR2; GALR-2
SwissProt:	O43603
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human esophagus cancer
IHC Recommend dilution:	50-300

