

产品名称: GALR2 Rabbit Polyclonal Antibody
产品货号: APRab11283



产品概述 (Summary)

产品名称 (Production Name)	GALR2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	GALR2
别名 (Alternative Names)	GALR2; GALNR2; Galanin receptor type 2; GAL2-R; GALR-2
基因 ID (Gene ID)	8811.0
蛋白 ID (SwissProt ID)	O43603.The antiserum was produced against synthesized peptide derived from human GALR2. AA range:201-250

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	42kDa

研究背景 (Background)

产品名称: GALR2 Rabbit Polyclonal Antibody
产品货号: APRab11283

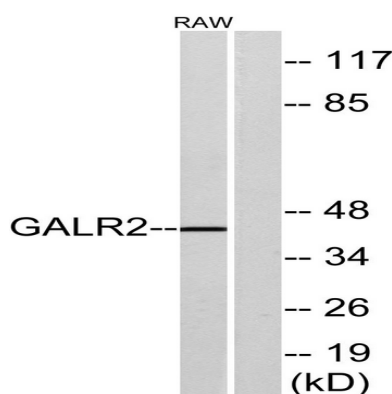


Galanin is an important neuromodulator present in the brain, gastrointestinal system, and hypothalamopituitary axis. It is a 30-amino acid non-C-terminally amidated peptide that potently stimulates growth hormone secretion, inhibits cardiac vagal slowing of heart rate, abolishes sinus arrhythmia, and 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 simulfuction:Receptor for the hormone galanin and for GALP. The activity of this receptor is mediated by G proteins that activate the phospholipase C/protein kinase C pathway (via Gq) and that inhibit adenylyl cyclase (via Gi).,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed abundantly within the central nervous system in both hypothalamus and hippocampus. In peripheral tissues, the strongest expression was observed in heart, kidney, liver, and small intestine.,

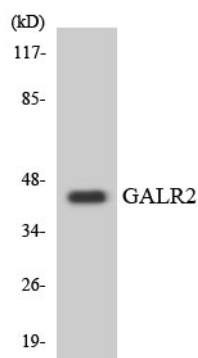
研究领域 (Research Area)

Neuroactive ligand-receptor interaction;

图片 (Image Data)



Western blot analysis of lysates from RAW264.7 cells, using GALR2 Antibody. The lane on the right is blocked with the synthesized peptide.



产品名称: GALR2 Rabbit Polyclonal Antibody
产品货号: APRab11283



Western blot analysis of the lysates from HepG2 cells using GALR2 antibody.

注意事项 (Note)

For research use only .