



Human GALR1 blocking peptide (CDBP1331)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-GALR1 (internal) antibody
Antigen Description	The neuropeptide galanin elicits a range of biological effects by interaction with specific G-protein-coupled receptors. Galanin receptors are seven-transmembrane proteins shown to activate a variety of intracellular second-messenger pathways. GALR1 inhibits adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, as well as in peripheral sites such as the small intestine and heart. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	GALR1 galanin receptor 1 [Homo sapiens]
Official Symbol	GALR1
Synonyms	GALR1; galanin receptor 1; GALNR, GALNR1; galanin receptor type 1; GAL1-R; GALR-1; GALNR; GALNR1;
Entrez Gene ID	2587

mRNA Refseq	NM_001480
Protein Refseq	NP_001471
UniProt ID	P47211
Chromosome Location	18q23
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem; Neuroactive ligand-receptor interaction, organism-specific biosystem; Neuroactive ligand-receptor interaction, conserved biosystem;
Function	G-protein coupled receptor activity; galanin receptor activity; neuropeptide binding; receptor activity; signal transducer activity;
