



# Human GALR1 blocking peptide (CDBP1330)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-GALR1 (C Term) antibody
<b>Antigen Description</b>	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]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GALR1 galanin receptor 1 [ Homo sapiens ]</a>
<b>Official Symbol</b>	GALR1
<b>Synonyms</b>	GALR1; galanin receptor 1; GALNR, GALNR1; galanin receptor type 1; GAL1-R; GALR-1; GALNR; GALNR1;
<b>Entrez Gene ID</b>	<a href="#">2587</a>

<b>mRNA Refseq</b>	<a href="#">NM_001480</a>
<b>Protein Refseq</b>	<a href="#">NP_001471</a>
<b>UniProt ID</b>	P47211
<b>Chromosome Location</b>	18q23
<b>Pathway</b>	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;
<b>Function</b>	G-protein coupled receptor activity; galanin receptor activity; neuropeptide binding; receptor activity; signal transducer activity;