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## anti-Galanin Receptor 1 antibody (Middle Region)

**Images** 



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Overview	
Quantity:	0.4 mL
Target:	Galanin Receptor 1 (GALR1)
Binding Specificity:	AA 180-209, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galanin Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)
Product Details	
Immunogen:	KLH conjugated synthetic peptide between 180~209 amino acids from the Center region of
	Human GALR1
Isotype:	lg Fraction
Specificity:	This antibody recognizes Human GALR1 (Center).
Purification:	Protein A column, followed by peptide affinity purification
Target Dateila	
Target Details	
Target:	Galanin Receptor 1 (GALR1)
Alternative Name:	GALR1 (GALR1 Products)
Background:	GALR1 elicits a range of biological effects by interaction with specific G-protein-coupled

### **Target Details**

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. Synonyms: GAL1-R, GALNR, GALNR1,
GALR-1, Galanin receptor type 1

Molecular Weight:	38980 Da
Gene ID:	2587
NCBI Accession:	NP_001471
Pathways:	cAMP Metabolic Process

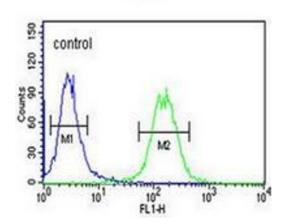
## **Application Details**

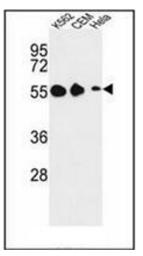
Application Notes:	Optimal working dilution should be determined by the investigator.	
Restrictions:	For Research Use only	

### Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS containing 0.09 % (W/V) Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.







#### **Flow Cytometry**

**Image 1.** Flow cytometry analysis of K562 cells using GALR1 Antibody (Center) Cat.-No AP51776PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

#### **Western Blotting**

**Image 2.** Western blot analysis of GALR1 Antibody (Center) in K562, CEM, Hela cell line lysates (35ug/lane). GALR1 (arrow) was detected using the purified Pab.