antibodies

Datasheet for ABIN653295 anti-Galanin Receptor 1 antibody (AA 174-200)





Overview

Quantity:	400 µL
Target:	Galanin Receptor 1 (GALR1)
Binding Specificity:	AA 174-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galanin Receptor 1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)
Product Details	
Immunogen:	This GALR1 antibody is generated from rabbits immunized with a KLH conjugated synthetic
	peptide between 174-200 amino acids from the Central region of human GALR1.
Clone:	RB24021
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
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

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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.
Molecular Weight:	38953
Gene ID:	2587
NCBI Accession:	NP_001471
UniProt:	P47211
Pathways:	cAMP Metabolic Process
Application Details	
Application Notes:	WB: 1:1000. FC: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small
	aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



K562



Western Blotting

Image 1. All lanes : Anti-GALR1 Antibody (Center) at 1:1000 dilution Lane 1: CCRF-CEM whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 39 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Flow Cytometry

Image 2. GALR1 Antibody (Center) (ABIN653295 and ABIN2842799) flow cytometric analysis of K562 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

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