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Datasheet for ABIN5003159

## anti-Galanin Receptor 1 antibody (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	Galanin Receptor 1 (GALR1)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Galanin Receptor 1 antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GALR1
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	Galanin Receptor 1 (GALR1)
Alternative Name:	GALR1 ( <a href="#">GALR1 Products</a> )
Background:	Synonyms: GAL1R, galanin receptor 1, Galanin receptor, Galanin receptor type 1, GALNR, GALNR1, GALR1, GALR1_HUMAN. Background: GALR1 is a G-protein-coupled receptor for the neuropeptide galanin that influences endocrine secretions, intestinal motility, memory, weight, and pain perception. GALR1 inhibits

## Target Details

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adenylyl cyclase via a G protein of the Gi/Go family. GALR1 is widely expressed in the brain and spinal cord, and in peripheral sites such as the small intestine and heart. The rat galanin receptor cDNA cloned from an insulinoma cell line is a predicted 346-amino acid G protein-coupled receptor with 92 % homology to the human GALR1.

Gene ID: 2587

Pathways: [cAMP Metabolic Process](#)

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months