

Datasheet for ABIN7043182  
**anti-GALR3 antibody (2nd Extracellular Loop)**

## 2 Images

[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	GALR3
Binding Specificity:	2nd Extracellular Loop, AA 159-172
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALR3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: SYYGTVRYGALELC, corresponding to amino acid residues 159-172 of mouse Galanin receptor type 3
Isotype:	IgG
Characteristics:	Anti-GALR3 (extracellular) Antibody (ABIN7043182, ABIN7044400 and ABIN7044401)) is a highly specific antibody directed against an epitope of the mouse Galanin receptor 3. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize GALR3 from mouse, rat, and human samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

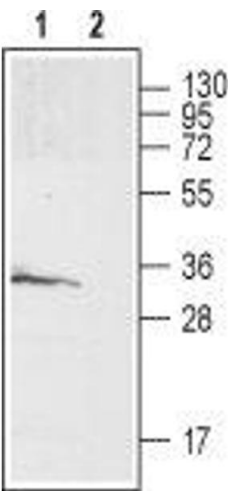
Target:	GALR3
Alternative Name:	GALR3 ( <a href="#">GALR3 Products</a> )
Background:	Alternative names: GALR3, Galanin receptor type 3, GALNR3, GAL3R
Gene ID:	14429
NCBI Accession:	<a href="#">NM_003614</a>
UniProt:	<a href="#">O88853</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Feeding Behaviour</a>

## Application Details

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

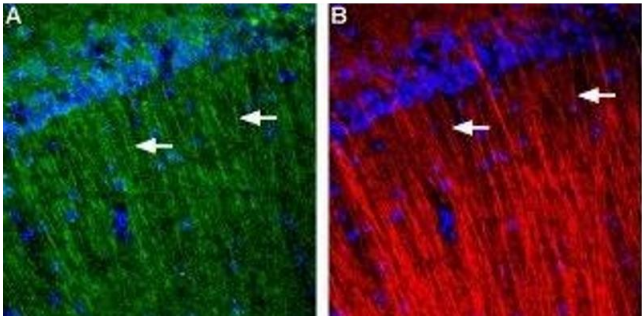
## Handling

Format:	Lyophilized
Reconstitution:	25 µL, 50 µL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.7 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % 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:	RT, 4 °C, -20 °C
Storage Comment:	<p>Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C.</p> <p>Storage after reconstitution: The reconstituted solution can be stored at 4°C for up to 1 week. For longer periods, small aliquots should be stored at -20°C. Avoid multiple freezing and thawing. Centrifuge all antibody preparations before use (10000 x g 5 min).</p>



### Western Blotting

**Image 1.** Western blot analysis of rat brain membrane: - 1. Anti-GALR3 (extracellular) Antibody (ABIN7043182, ABIN7044400 and ABIN7044401), (1:200). 2. Anti-GALR3 (extracellular) Antibody, preincubated with GALR3 (extracellular) Blocking Peptide (#BLP-GR013).



### Immunohistochemistry

**Image 2.** Expression of Galanin receptor 3 in rat hippocampus - Immunohistochemical staining of rat hippocampus using Anti-GALR3 (extracellular) Antibody (ABIN7043182, ABIN7044400 and ABIN7044401). A. Galanin receptor 3 (green) appears in apical dendrites of pyramidal neurons in CA1 (arrows). B. MAP2 (red), a marker of axons and dendrites, is stained in the same section. GALR3 appears to be expressed in a subset of apical dendrites (arrows). DAPI is used as the counterstain (blue).