

Datasheet for ABIN7043192

**anti-GABRG1 antibody (C-Term, Intracellular)****2** Images[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	GABRG1
Binding Specificity:	AA 382-399, C-Term, Intracellular
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GABRG1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HAGSTLIPMNNISMPQGE, corresponding to amino acid residues 382-399 of rat GABA(A) gamma1 receptor
Isotype:	IgG
Characteristics:	Anti-GABA(A) γ1 Receptor Antibody (ABIN7043192, ABIN7044313 and ABIN7044314)) is a highly specific antibody directed against an epitope of rat GABRG1. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize GABA(A) γ1 from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

## Target Details

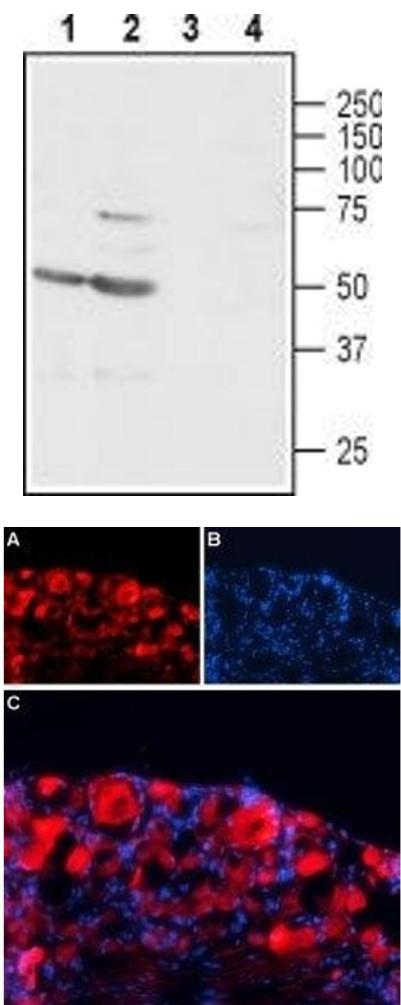
Target:	GABRg1
Alternative Name:	GABA(A) gamma1 Receptor ( <a href="#">GABRg1 Products</a> )
Background:	Alternative names: GABA(A) gamma1 Receptor, GABRG1, Gamma-aminobutyric acid receptor subunit gamma-1
Gene ID:	140674
NCBI Accession:	<a href="#">NM_173536</a>
UniProt:	<a href="#">P23574</a>
Pathways:	<a href="#">Synaptic Membrane</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:	0.8 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 (lanes 1 and 3) and mouse (lanes 2 and 4) brain lysates: - 1,2. Anti-GABA(A)  $\gamma$ 1 Receptor Antibody (ABIN7043192, ABIN7044313 and ABIN7044314), (1:500).3,4. Anti-GABA(A)  $\gamma$ 1 Receptor Antibody, preincubated with GABA(A)  $\gamma$ 1 Receptor Blocking Peptide (#BLP-GA016).

### Immunohistochemistry

**Image 2.** Expression of GABA(A)  $\gamma$ 1 receptor in rat DRG - Immunohistochemical staining of rat dorsal root ganglion (DRG) frozen sections using Anti-GABA(A)  $\gamma$ 1 Receptor Antibody (ABIN7043192, ABIN7044313 and ABIN7044314), followed by goat anti-rabbit-AlexaFluor-594 secondary antibody. A. Staining (red) appears in neuronal cell bodies. B. Nuclear staining using DAPI as the counterstain. C. Merged image of A and B.