Datasheet for ABIN7043177

anti-GABRD antibody (Extracellular, N-Term)

3 Images

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Overview

Quantity:	25 µL
Target:	GABRD
Binding Specificity:	AA 19-35, Extracellular, N-Term
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)HHGARAMNDIGDYVGSN, corresponding to amino acid residues 19-35 of rat GABA(A) delta receptor
Isotype:	IgG
Characteristics:	Anti-GABA(A) δ Receptor (extracellular) Antibody (ABIN7043177, ABIN7044311 and ABIN7044312)) is a highly specific antibody directed against an epitope of the rat protein. The antibody can be used in western blot and immunohistochemistry applications. It has been designed to recognize GABA(A) δ from human, rat, and mouse samples.
Purification:	Affinity purified on immobilized antigen.

Target Details

Target:	GABRD

Target Details

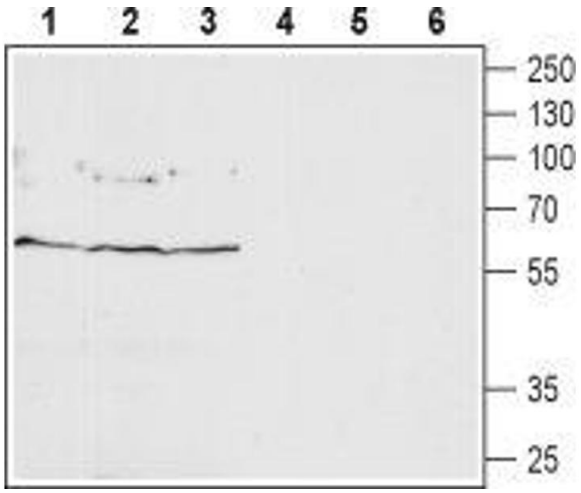
Alternative Name:	GABA(A) delta Receptor (GABRD Products)
Background:	Alternative names: Gabrd, GABRD
Gene ID:	29689
NCBI Accession:	NM_000815
UniProt:	P18506

Application Details

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

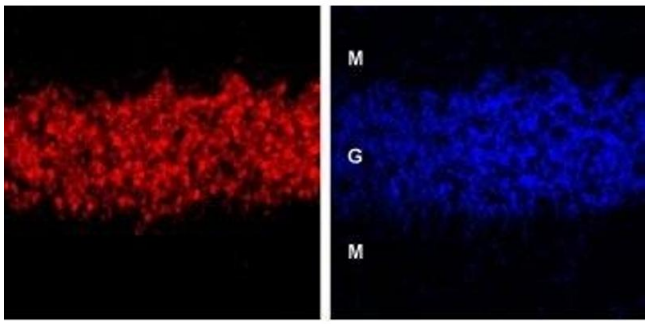
Handling

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:	Storage before reconstitution: The antibody ships as a lyophilized powder at room temperature. Upon arrival, it should be stored at -20°C. 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).



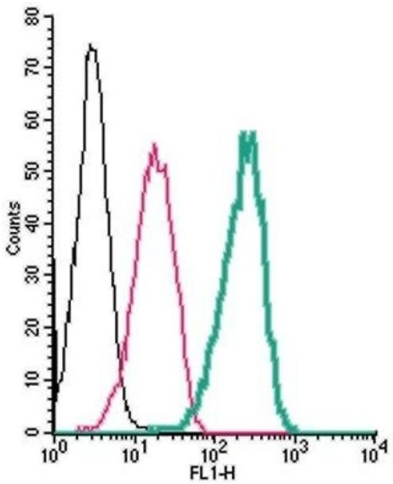
Western Blotting

Image 1. Western blot analysis of rat brain (lanes 1 and 4), rat cerebellum (lanes 2 and 5) and mouse brain (lanes 3 and 6): - 1-3. Anti-GABA(A) δ Receptor (extracellular) Antibody (ABIN7043177, ABIN7044311 and ABIN7044312), (1:200).4-6. Anti-GABA(A) δ Receptor (extracellular) Antibody, preincubated with GABA(A) δ Receptor (extracellular) Blocking Peptide (#BLP-GA014).



Immunohistochemistry

Image 2. Expression of GABA(A) δ receptor in rat cerebellum - Immunohistochemical staining of GABA(A) δ receptor in rat cerebellum using Anti-GABA(A) δ Receptor (extracellular) Antibody (ABIN7043177, ABIN7044311 and ABIN7044312). GABA(A) δ receptor (red) appears exclusively in the granule layer (G). Above and below the granule layer is the molecular layer (M). DAPI is used as the counterstain (blue).



Flow Cytometry

Image 3. Cell surface detection of GABA(A) δ Receptor by indirect flow cytometry in live intact human THP-1 monocytic leukemia cells: (black line) Cells.(red line) Cells + goat-anti-rabbit-FITC.(green line) Cells + Anti-GABA(A) δ Receptor (extracellular) Antibody (ABIN7043177, ABIN7044311 and ABIN7044312), (2.5 µg) + goat-anti-rabbit-FITC .