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Datasheet for ABIN7043244 anti-GRIN2C antibody (Extracellular, N-Term)



3 Images

Overview

Quantity:	25 μL
Target:	GRIN2C
Binding Specificity:	AA 365-377, Extracellular, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIN2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)
Product Details	
Immunogen:	Immunogen: Synthetic peptide Immunogen Sequence: (C)RHRLWEMVGRWDH, corresponding to amino acid residues 365-377 of rat NMDAR2C
lsotype:	lgG
Characteristics:	Anti-NMDAR2C (GRIN2C) (extracellular) Antibody is directed against an epitope of rat NMDA receptor 2C. Anti-NMDAR2C (GRIN2C) (extracellular) Antibody (ABIN7043244, ABIN7044348

and ABIN7044349)) can be used in western blot, immunohistochemistry, and immunocytochemistry applications. It has been designed to recognize NR2C from human, rat,

and mouse samples.

Purification: Affinity purified on immobilized antigen.

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Target Details

Target:	GRIN2C
Alternative Name:	NMDAR2C (GRIN2C) (GRIN2C Products)
Background:	Alternative names: NMDAR2C (GRIN2C), NMDA receptor 2C, NR2C, GluN2C, Ionotropic glutamate receptor subunit epsilon3, N-methyl-D-aspartate receptor subunit 2C
Gene ID:	24411
NCBI Accession:	NM_000835
UniProt:	Q00961
Pathways:	Synaptic Membrane

Application Details

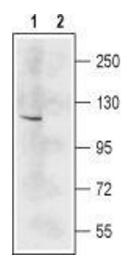
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

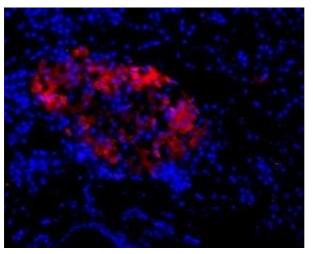
Handling

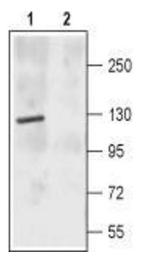
Format:	Lyophilized
Reconstitution:	25 $\mu\text{L},$ 50 μL or 0.2 mL double distilled water (DDW), depending on the sample size.
Concentration:	0.8 mg/mL
Buffer:	Reconstituted antibody contains phosphate buffered saline (PBS), pH 7.4, 1 % BSA, 0.05 % Sodium azide.
Preservative:	Sodium azide
Precaution 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).

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Images







Western Blotting

Image 1. Western blot analysis of mouse brain lysate: -1. Anti-NMDAR2C(GRIN2C)(extracellular)Antibody (ABIN7043244, ABIN7044348 and ABIN7044349),(1:200).2. Anti-NMDAR2C (GRIN2C) (extracellular) Antibody,preincubatedwithNMDAR2C/GRIN2C(extracellular)Blocking Peptide (#BLP-GC018).

Immunohistochemistry

Image 2. Expression of NMDAR2C in rat pancreas -Immunohistochemical staining rat pancreas paraffinembedded sections using Anti-NMDAR2C (GRIN2C) (extracellular) Antibody (ABIN7043244, ABIN7044348 and ABIN7044349), (1:100) followed by goat-anti-rabbit-AlexaFluor-594 (red) secondary antibody. Staining is present in endocrine cells of the Isles of Langerhans. Hoechst 33342 is used as the counterstain (blue).

Western Blotting

Image 3. Western blot analysis of rat brain membrane: -1. Anti-NMDAR2C (GRIN2C) (extracellular) Antibody (ABIN7043244, ABIN7044348 and ABIN7044349), (1:200).2. Anti-NMDAR2C (GRIN2C) (extracellular) Antibody, preincubated with NMDAR2C/GRIN2C (extracellular) Blocking Peptide (#BLP-GC018).

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