antibodies

Datasheet for ABIN5611284 anti-NMDAR2A antibody (AA 23-165)

4 Images



Overview

Quantity:	0.1 mg
Target:	NMDAR2A (GRIN2A)
Binding Specificity:	AA 23-165
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human GRIN2A (AA: extra 23-165) expressed in E. coli.
Clone:	3G10F9
Isotype:	lgG1
Purification:	purified

Target Details

Target:	NMDAR2A (GRIN2A)
Alternative Name:	GRIN2A (GRIN2A Products)
Background:	Description: This gene encodes a member of the glutamate-gated ion channel protein family.
	The encoded protein is an N-methyl-D-aspartate (NMDA) receptor subunit. NMDA receptors are
	both ligand-gated and voltage-dependent, and are involved in long-term potentiation, an activity-

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN5611284 | 09/10/2023 | Copyright antibodies-online. All rights reserved.

Target Details

	dependent increase in the efficiency of synaptic transmission thought to underlie certain kinds
	of memory and learning. These receptors are permeable to calcium ions, and activation results
	in a calcium influx into post-synaptic cells, which results in the activation of several signaling
	cascades. Disruption of this gene is associated with focal epilepsy and speech disorder with or
	without mental retardation. Alternative splicing results in multiple transcript variants.
	Aliases: LKS, EPND, FESD, NR2A, GluN2A, NMDAR2A
Molecular Weight:	165.3 kDa
Gene ID:	2903
HGNC:	2903
Pathways:	Synaptic Membrane, Regulation of long-term Neuronal Synaptic Plasticity
Application Details	
Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A
Application Notes: Restrictions:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only
Application Notes: Restrictions: Handling	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only
Application Notes: Restrictions: Handling Format:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid
Application Notes: Restrictions: Handling Format:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid
Application Notes: Restrictions: Handling Format: Buffer:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid Purified antibody in PBS with 0.05 % sodium azide
Application Notes: Restrictions: Handling Format: Buffer: Preservative:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid Purified antibody in PBS with 0.05 % sodium azide Sodium azide
Application Notes: Restrictions: Handling Format: Buffer: Preservative: Precaution of Use:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid Purified antibody in PBS with 0.05 % sodium azide Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
Application Notes: Restrictions: Handling Format: Buffer: Preservative: Precaution of Use:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid Purified antibody in PBS with 0.05 % sodium azide Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Application Notes: Restrictions: Handling Format: Buffer: Preservative: Precaution of Use: Storage:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: N/A For Research Use only Liquid Purified antibody in PBS with 0.05 % sodium azide Sodium azide This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.







Western Blotting

Image 1. Western blot analysis using GRIN2A mAb against human GRIN2A (AA: extra 23-165) recombinant protein. (Expected MW is 41.3 kDa)

ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Flow Cytometry

Image 3. Flow cytometric analysis of Hela cells using GRIN2A mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 4 images are available for ABIN5611284.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN5611284 | 09/10/2023 | Copyright antibodies-online. All rights reserved.