Datasheet for ABIN6736392

anti-GRIN2C antibody (AA 69-118)

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2 Images

Overview

Quantity:	100 µL
Target:	GRIN2C
Binding Specificity:	AA 69-118
Reactivity:	Human, Mouse, Rat, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GRIN2C antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa69-118 of human GRIN2C (Q14957, NP_000826). Percent identity by BLAST analysis: Human, Galago, Mouse, Rat (100%), Chimpanzee, Gorilla, Gibbon, Monkey, Marmoset, Panda, Dog, Bovine, Bat, Opossum, Guinea pig, Turkey, Zebra finch (92%), Rabbit, Lizard (85%). Type of Immunogen: Synthetic peptide
Specificity:	Human GRIN2C / NMDAR2C
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat (100%) Dog, Bovine, Guinea pig (92%) Rabbit (85%).

Product Details

Purification:	Immunoaffinity purified

Target Details

Target:	GRIN2C
Alternative Name:	GRIN2C / NMDAR2C / NR2C (GRIN2C Products)
Background:	Name/Gene ID: GRIN2C Subfamily: Glutamate receptor - ionotropic (NMDA receptor) Family: Ion Channel Synonyms: GRIN2C, GluN2C, NMDA receptor 2C, NMDAR2C, NR2C, GluR epsilon 3
Gene ID:	2905
NCBI Accession:	NP_000826
UniProt:	Q14957
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µ g/mL.Antibody has been specifically tested and found not suitable for use in IHC with mouse tissues.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

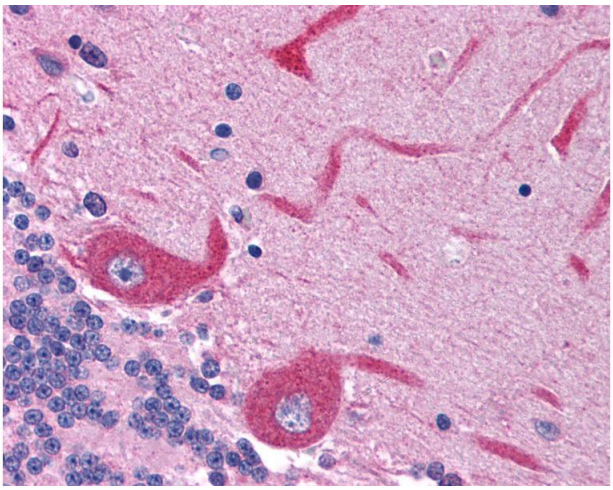
Handling

Format:	Lyophilized

Handling

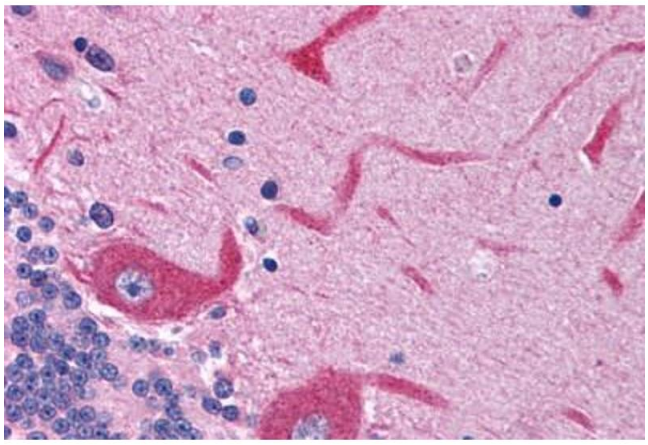
Reconstitution:	Distilled Water.
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry

Image 1. Anti-GRIN2C / NMDAR2C antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of t ...



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with GRIN2C antibody ABIN214768 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.