CNGA2 antibody

Cat. No. GTX54816

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr
Reactivity	Human, Mouse, Rat

Package
50 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 76 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)KQNHEDDYLSDGINTPEP, corresponding to amino acid residues 643-660 (Intracellular, C-terminus) of rat CNGA2. (Accession : Q00195).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

For full product information, images and publications, please visit our website.

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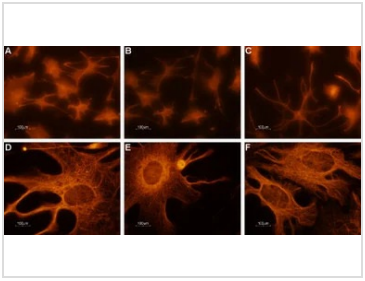
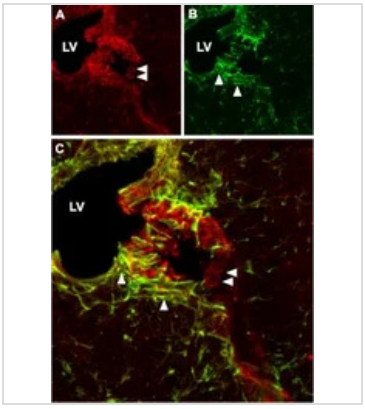
DATA IMAGES



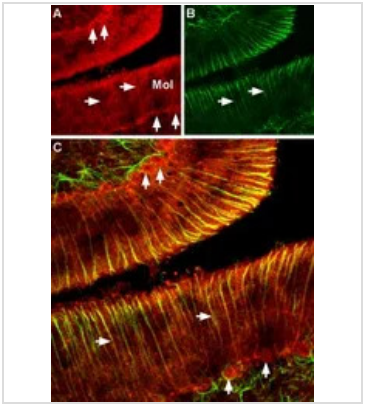
GTX54816 ICC/IF Image

ICC/IF analysis of PFA-fixed rat cerebellum primary culture cells using GTX54816 CNGA2 antibody.
Dilution : 1:100



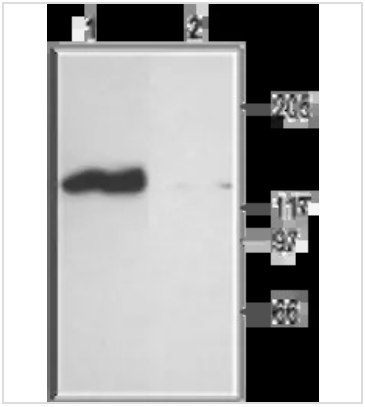
GTX54816 IHC-Fr Image

IHC-Fr analysis of mouse cerebrum tissue using GTX54816 CNGA2 antibody.
Panel A : CNGA2 (red) appears in cells lining up the wall of the lateral ventricle (LV) (horizontal arrows).
Panel B : Staining of astrocytes with mouse anti-glial fibrillary acidic protein (GFAP, green) demonstrates penetration of astrocytic fibers (vertical arrows) into the wall of the lateral ventricle.
Panel C : Merge of panels A and B.



GTX54816 IHC-Fr Image

IHC-Fr analysis of rat cerebellum tissue using GTX54816 CNGA2 antibody.
Panel A : CNGA2 (red) appears in Purkinje cells (vertical arrows) and in astrocytic fibers (horizontal arrows) traversing the cerebellar molecular layer (Mol).
Panel B : Staining of astrocytes with mouse anti-glial fibrillary acidic protein (GFAP, green) demonstrates the full distribution of astrocytic fibers (horizontal arrows) in the cerebellum.
Panel C : Merge of panels A and B.



GTX54816 WB Image

WB analysis of rat brain membrane lysate using GTX54816 CNGA2 antibody preincubated with or without immunogen peptide.
Dilution : 1:200

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