Aquaporin 4 antibody

Cat. No. GTX133151

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IHC (Free Floating)
Reactivity	Mouse, Rat

References (4)

Review (1)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IHC (Free Floating)	Assay dependent

Not tested in other applications.

Calculated MW	34 kDa. (Note)
Product Note	This antibody was raised against mouse Aquaporin 4 Intracellular domain.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.97 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the Intracellular domain of mouse Aquaporin 4. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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

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Note

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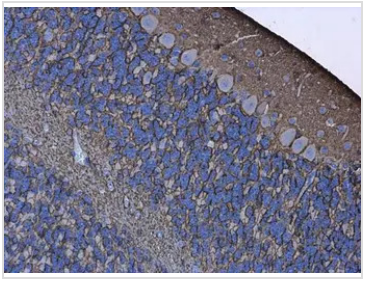
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

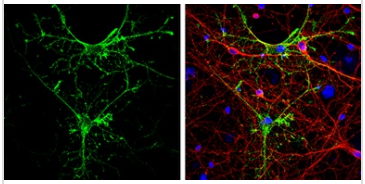
DATA IMAGES



GTX133151 IHC-P Image

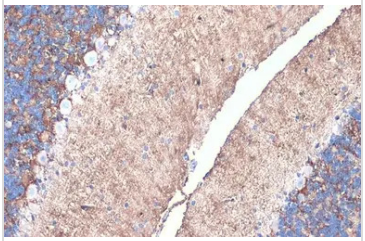
Aquaporin 4 antibody detects Aquaporin 4 protein at cell membrane in mouse brain by immunohistochemical analysis.
Sample: Paraffin-embedded mouse brain.
Aquaporin 4 antibody (GTX133151) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



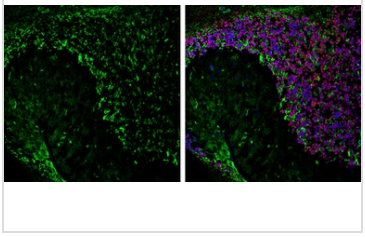
GTX133151 ICC/IF Image

Aquaporin 4 antibody detects Aquaporin 4 protein at astrocyte cells by immunofluorescent analysis.
Sample: DIV9 rat E18 primary cortical neurons and glia cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Aquaporin 4 protein stained by Aquaporin 4 antibody (GTX133151) diluted at 1:500.
Red: beta Tubulin 3/ Tuj1, a neuron cell marker, stained by beta Tubulin 3/ Tuj1 antibody [GT886] (GTX631830) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX133151 IHC-P Image

Aquaporin 4 antibody detects Aquaporin 4 protein at cell membrane by immunohistochemical analysis.
Sample: Paraffin-embedded rat brain.
Aquaporin 4 stained by Aquaporin 4 antibody (GTX133151) diluted at 1:500.
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX133151 IHC-Fr Image

Aquaporin 4 antibody detects Aquaporin 4 protein expression by immunohistochemical analysis.
Sample: Frozen-sectioned adult mouse cerebellum.
Green: Aquaporin 4 protein stained by Aquaporin 4 antibody (GTX133151) diluted at 1:250.
Red: NeuN, stained by NeuN antibody [2Q158] (GTX30773) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).

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

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