

Aquaporin 4 antibody [ARC54345]

Cat. No. GTX05045

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, IHC-P
Reactivity	Human, Mouse, Rat

Package
100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:1000
IHC-P	1:200-1:800

Not tested in other applications.

Calculated MW 35 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA, 50% Glycerol
Preservative	0.05% Proclin300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 256-323 of human Aquaporin-4 (AQP4) (NP_001641.1).
Purification	Purified by affinity chromatography
Conjugation	Unconjugated

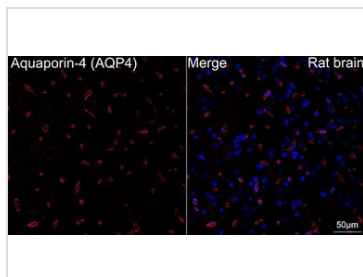
Note

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DATA IMAGES

GTX05045 IHC-P Image

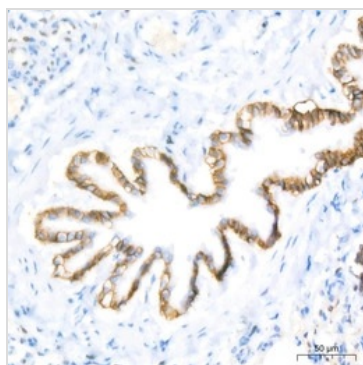
IHC-P analysis of rat brain tissue using GTX05045 Aquaporin 4 antibody [ARC54345].

Orange : Primary antibody

Blue : DAPI

Antigen retrieval : Heat mediated antigen retrieval performed with 0.01M citrate buffer (pH6.0)

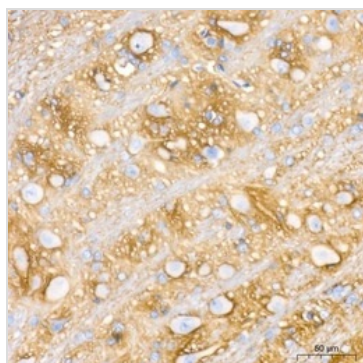
Dilution : 1:200


GTX05045 IHC-P Image

IHC-P analysis of rat lung tissue using GTX05045 Aquaporin 4 antibody [ARC54345].

Antigen retrieval : High pressure antigen retrieval performed with 0.01M citrate buffer (pH6.0)

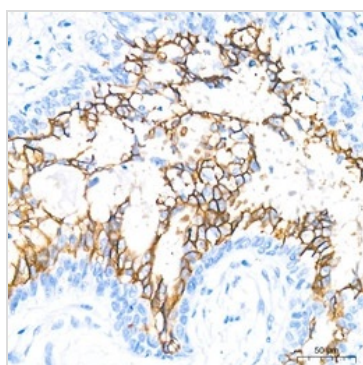
Dilution : 1:200


GTX05045 IHC-P Image

IHC-P analysis of rat brain tissue using GTX05045 Aquaporin 4 antibody [ARC54345].

Antigen retrieval : High pressure antigen retrieval performed with 0.01M citrate buffer (pH6.0)

Dilution : 1:200


GTX05045 IHC-P Image

IHC-P analysis of human lung cancer tissue using GTX05045 Aquaporin 4 antibody [ARC54345].

Antigen retrieval : High pressure antigen retrieval performed with 0.01M citrate buffer (pH6.0)

Dilution : 1:200



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