



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Aquaporin 4 antibody [ARC54345]

**Cat. No. GTX05045**

|                     |                   |
|---------------------|-------------------|
| <b>Host</b>         | Rabbit            |
| <b>Clonality</b>    | Monoclonal        |
| <b>Isotype</b>      | IgG               |
| <b>Applications</b> | WB, IHC-P         |
| <b>Reactivity</b>   | 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

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 0.05% BSA, 50% Glycerol                                                                                                                                                                                               |
| <b>Preservative</b>  | 0.05% Proclin300                                                                                                                                                                                                           |
| <b>Storage</b>       | 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. |
| <b>Concentration</b> | Batch dependent (Please refer to the vial label for the specific concentration.)                                                                                                                                           |
| <b>Immunogen</b>     | Recombinant fusion protein containing a sequence corresponding to amino acids 256-323 of human Aquaporin-4 (AQP4) (NP_001641.1).                                                                                           |
| <b>Purification</b>  | Purified by affinity chromatography                                                                                                                                                                                        |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |

### Note

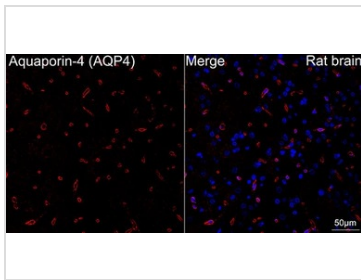
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DATA IMAGES



**GTX05045 IHC-P Image**

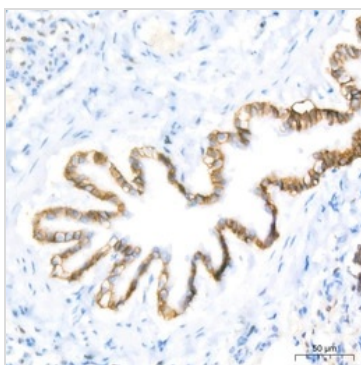
IHC-P analysis of rat brain tissue using GTX05045 Aquaporin 4 antibody [ARC54345].

Orange : Primary antibody

Blue : DAPI

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

Dilution : 1:200

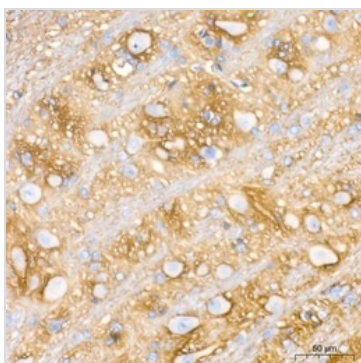


**GTX05045 IHC-P Image**

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

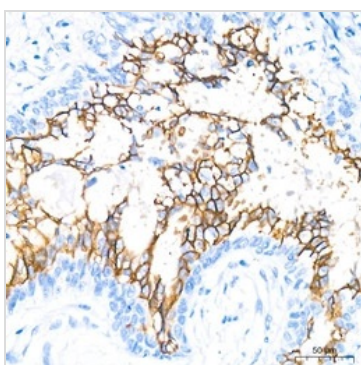


**GTX05045 IHC-P Image**

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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