

## Caspr2 antibody [N2N3]

Cat. No. GTX109389

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

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:20000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-Fr             | 1:100-1:1000         |

Not tested in other applications.

Calculated MW 148 kDa. ( [Note](#) )

## 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 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                   |
| Immunogen     | Recombinant protein encompassing a sequence within the Extracellular domain of human Caspr2. The exact sequence is proprietary.                                                                                            |
| Purification  | Purified by antigen-affinity chromatography.                                                                                                                                                                               |
| Conjugation   | Unconjugated                                                                                                                                                                                                               |

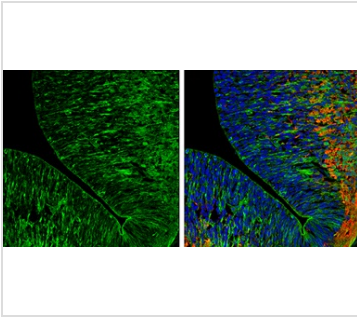
## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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**DATA IMAGES**

**GTK109389 IHC-Fr Image**

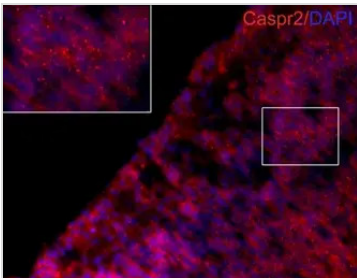
Caspr2 antibody [N2N3] detects Caspr2 protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: Caspr2 protein stained by Caspr2 antibody [N2N3] (GTK109389) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTK631836) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTK30920).

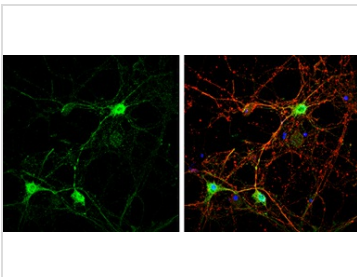

**GTK109389 IHC-Fr Image**

Caspr2 antibody [N2N3] detects Caspr2n proteins in embryonic mouse brain by immunohistochemical analysis.

Sample: Frozen section of embryonic mouse brain (mE18.5).

Red: Caspr2 antibody [N2N3] (GTK109389) diluted at 1:250.

Blue: DAPI.


**GTK109389 ICC/IF Image**

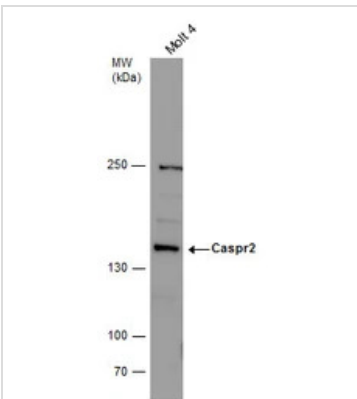
Caspr2 antibody [N2N3] detects Caspr2 protein by immunofluorescent analysis.

Sample: DIV14 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Caspr2 protein stained by Caspr2 antibody [N2N3] (GTK109389) diluted at 1:500.

Red: beta Tubulin 3/ Tuj1, stained by beta Tubulin 3/ Tuj1 antibody [GT1338] (GTK631831) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTK30920).


**GTK109389 WB Image**

Caspr2 antibody detects Caspr2 protein by Western blot analysis. Whole cell extracts (30 µg) was separated by 5 % SDS-PAGE, and blotted with Caspr2 antibody (GTK109389) diluted by 1:5000



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