

## P2Y4 antibody

**Cat. No. GTX16815**

|                     |                             |
|---------------------|-----------------------------|
| <b>Host</b>         | Rabbit                      |
| <b>Clonality</b>    | Polyclonal                  |
| <b>Isotype</b>      | IgG                         |
| <b>Applications</b> | WB, ICC/IF, IHC-Fr, FCM, IP |
| <b>Reactivity</b>   | 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      |
| FCM                | Assay dependent      |
| IP                 | Assay dependent      |

Not tested in other applications.

**Calculated MW** 41 kDa. ( [Note](#) )

### Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 1% BSA, 5% Sucrose                                                                                                                                                                                                    |
| <b>Preservative</b>  | 0.025% Sodium azide                                                                                                                                                                                                        |
| <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> | 0.9 mg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | Peptide (C)HEES ISRWA DTHQD, corresponding to residues 337-350 (Intracellular, C-terminus) of rat P2RY4 (Accession : O35811).                                                                                              |
| <b>Purification</b>  | Purified by antigen-affinity chromatography                                                                                                                                                                                |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



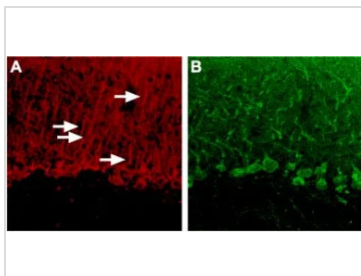
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## Note

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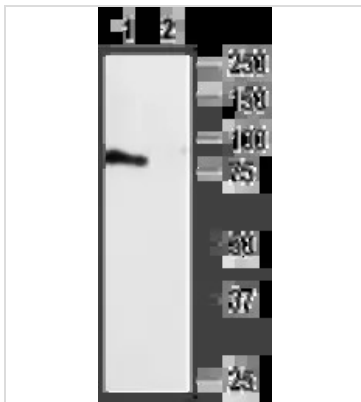
## DATA IMAGES



### GTX16815 IHC-Fr Image

IHC-Fr analysis of rat cerebellum tissue using GTX16815 P2Y4 antibody.

Panel A : P2RY4 (red) appears in astrocytic processes (arrows). B. In contrast, P2RY4 does not appear in Purkinje neuronal dendrites stained for calbindin D28k (green) in the same brain section. This demonstrates the restriction of P2RY4 to astrocytic fibers.



### GTX16815 WB Image

WB analysis of rat brain membrane lysate using GTX16815 P2Y4 antibody preincubated with or without immunogen peptide.

Dilution : 1:300



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