

## Cav alpha 2/delta 3 antibody

## Cat. No. GTX16618

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

References ( 1 )

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      |
| LCI                | Assay dependent      |

Not tested in other applications.

Calculated MW 122 kDa. ( [Note](#) )

## Properties

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | PBS, 1% BSA  |
| Preservative  | 0.05% Sodium azide   |
| 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 | 0.8 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Immunogen     | Peptide CSWWHSDMTAKAQK, corresponding to amino acid residues 942-955 (Extracellular) of rat CaV $\alpha$ 2δ3 (Accession : Q8CFG5).   |
| Purification  | Purified by antigen-affinity chromatography  |
| Conjugation   | Unconjugated   |



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Date 2026 / 01 / 28 Page 1 of 2

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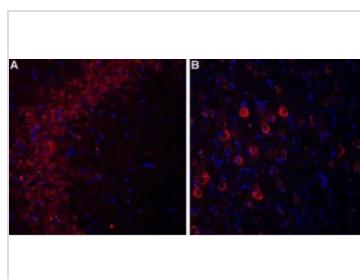
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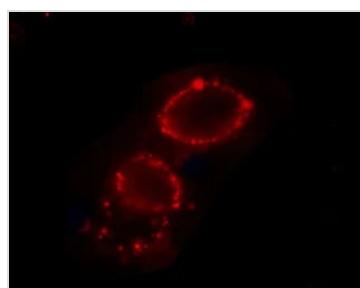
**DATA IMAGES****GTX16618 WB Image**

WB analysis of rat brain (lanes 1 and 3) and K562 (lanes 2 and 4) lysates using GTx16618 Cav alpha 2/delta 3 antibody preincubated with or without immunogen peptide.

Dilution : 1:200

**GTX16618 IHC-Fr Image**

IHC-Fr analysis of rat hippocampus and cortex tissue using GTx16618 Cav alpha 2/delta 3 antibody. In both areas CaV $\alpha$ 2 $\delta$ 3 staining (red) appears in pyramidal neurons (arrow). DAPI is used as the counterstain (blue).

**GTX16618 LCI Image**

Live cell imaging analysis of intact living PC12 cells using GTx16618 Cav alpha 2/delta 3 antibody.

Dilution : 1:25



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Date 2026 / 01 / 28 Page 2 of 2