

# NALCN antibody

**Cat. No. GTX54808**

|                     |                         |
|---------------------|-------------------------|
| <b>Host</b>         | Rabbit                  |
| <b>Clonality</b>    | Polyclonal              |
| <b>Isotype</b>      | IgG                     |
| <b>Applications</b> | WB, ICC/IF, IHC-Fr, LCI |
| <b>Reactivity</b>   | 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                 | 1:200                |
| ICC/IF             | 1:50                 |
| IHC-Fr             | Assay dependent      |
| LCI                | Assay dependent      |

Not tested in other applications.

**Calculated MW** 200 kDa. ( [Note](#) )

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 1% BSA  |
| <b>Preservative</b>  | 0.05% 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> | 0.8 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Peptide (C)SMMFESPFRRVMH, corresponding to amino acid residues 902-914 (Extracellular, S1-S2 domain III) of rat NALCN (Accession : Q6Q760).  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography  |
| <b>Conjugation</b>   | Unconjugated   |



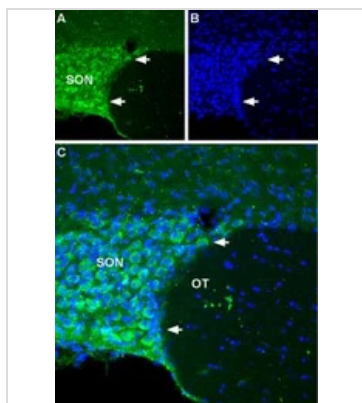
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## DATA IMAGES



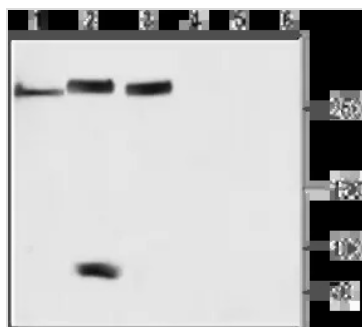
### GTX54808 IHC-Fr Image

IHC-Fr analysis of rat hypothalamus tissue using GTX54808 NALCN antibody.

Panel A : NALCN (green) appears in the supra-optic nucleus (SON).

Panel B : DAPI is used as the counterstain (blue). White arrows point at the sharp border between the SON and optic tract (OT).

Panel C : Merged images of A and B.



### GTX54808 WB Image

WB analysis of rat brain (lanes 1 and 4), mouse heart (lanes 2 and 5) and SH-SY5S cell (lanes 3 and 6) lysates using GTX54808 NALCN antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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