

## TRPC4 antibody

**Cat. No. GTX16627**

<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

**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.

## 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>	0.85 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Peptide (C)KYSALNPRESWD, corresponding to amino acid residues 458-469 (2nd extracellular loop) of rat TRPC4 (Accession : O35119).
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated

**Note**

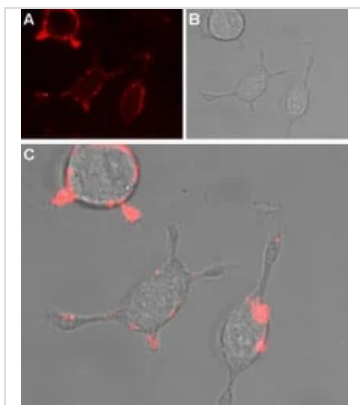
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DATA IMAGES



**GTX16627 LCI Image**

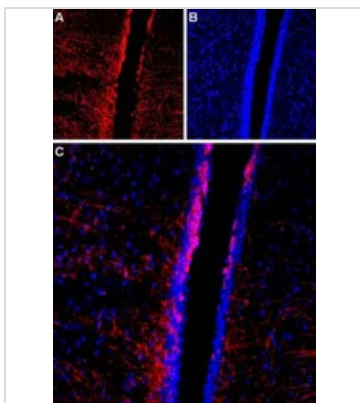
Live cell imaging analysis of intact living PC12 cells using GTX16627 TRPC4 antibody.

Panel A : Primary antibody (red)

Panel B : Live view of the cell

Panel C : Merged images of Panel A and B

Dilution : 1:50



**GTX16627 IHC-Fr Image**

IHC-Fr analysis of rat brain tissue using GTX16627 TRPC4 antibody.

Panel A : TRPC4 (red) is detected along the wall of the third ventricle (horizontal arrow) and astrocytic fibers extending from the wall (vertical arrow).

Panel B : Nucleus staining using DAPI as the counterstain (blue).

Panel C : Merge images of A and B.



**GTX16627 WB Image**

WB analysis of rat and mouse brain lysates using GTX16627 TRPC4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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