

## TRPV4 antibody

**Cat. No. GTX16630**

<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, 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.

**Calculated MW** 98 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>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Peptide (C)EDQSN(S)TVPSYPA(S)RD, corresponding to amino acid residues 647-662 (3rd extracellular loop) of rat TRPV4 (Accession : Q9ERZ8).
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated



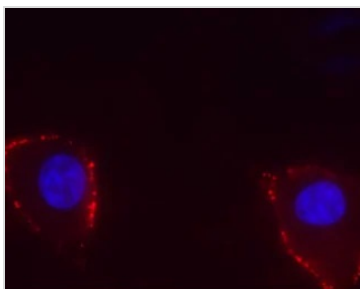
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**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

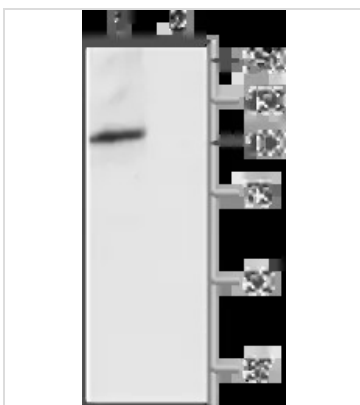
**GTX16630 LCI Image**

Live cell imaging analysis of live intact U-87 cells using GTX16630 TRPV4 antibody.

Red : Primary antibody

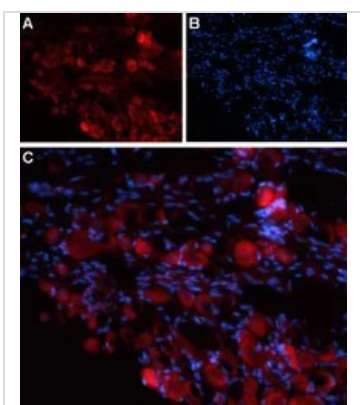
Blue : DAPI for nuclear staining

Dilution : 1:25

**GTX16630 WB Image**

WB analysis of rat brain lysate using GTX16630 TRPV4 antibody preincubated with or without immunogen peptide.

Dilution : 1:200

**GTX16630 IHC-Fr Image**

IHC-Fr analysis of rat DRG tissue using GTX16630 TRPV4 antibody.

Panel A : TRPV4 labeling appears in neuronal cell bodies.

Panel B : Nuclear staining using DAPI.

Panel C : merged images of A and B.



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