

## TRPV3 antibody

## Cat. No. GTX54763

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-Fr, LCI
Reactivity	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.

Calculated MW 91 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	0.85 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)REEEAIPHPLALTHK, corresponding to amino acid residues 464-478 (1st extracellular loop) of human TRPV3 (Accession : Q8NET8).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



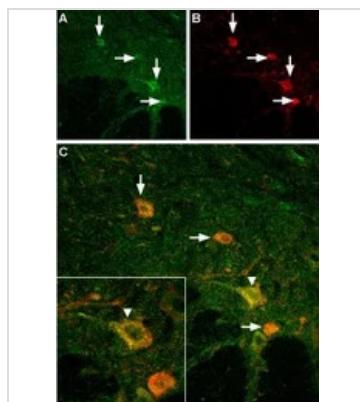
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

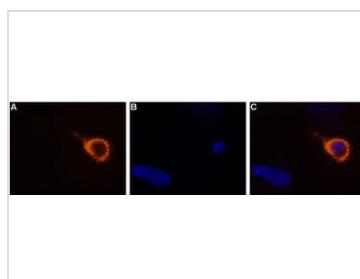
**Note**

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**DATA IMAGES****GTX54763 IHC-Fr Image**

IHC-Fr analysis of mouse spinal cord tissue using GTX54763 TRPV3 antibody. The inset in panel C magnifies one large motor neuron (vertical arrowhead). Note the punctate pattern of TRPV3 on the surface of the soma.

Panel A : TRPV3 (green) appears in neurons (vertical arrows) in the ventral horn of the mouse spinal cord.  
Panel B : Motor neurons were stained with goat anti-choline-acetyltransferase (red). In some motor neurons (A) TRPV3 was more intense (vertical arrow) whereas in others it was weak (horizontal arrows).  
Panel C : Merged images of panels A and B.

**GTX54763 LCI Image**

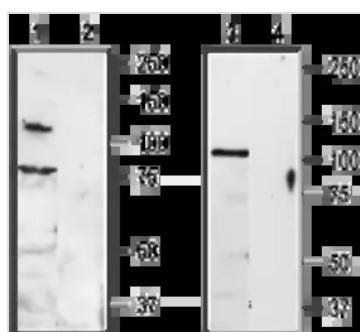
Live cell imaging analysis of living rat dorsal root ganglion (DRG) using GTX54763 TRPV3 antibody.

Panel A : Primary antibody (Orange)

Panel B : Hoechst 33342 for nuclear staining (blue)

Panel C : Merged images of Panel A and B

Dilution : 1:50-1:100

**GTX54763 WB Image**

WB analysis of rat DRG (lanes 1 and 2) and brain (lanes 3 and 4) lysates using GTX54763 TRPV3 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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