TRPV4 antibody

Cat. No. GTX16630

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

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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide (C)EDQSN(S)TVPSYPA(S)RD, corresponding to amino acid residues 647-662 (3rd extracellular loop) of rat TRPV4 (Accession : Q9ERZ8).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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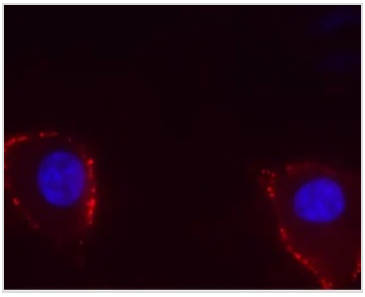
Note

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

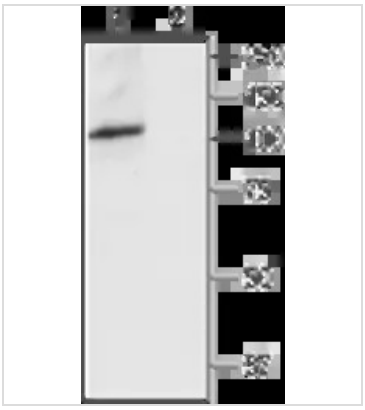
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



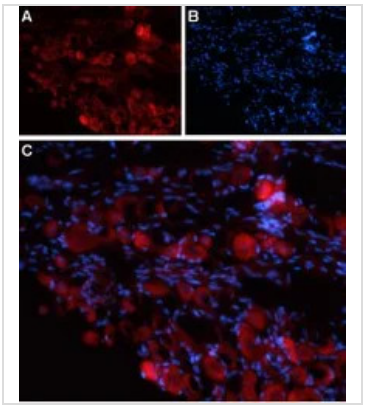
GTX16630 LCI Image

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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