

TRPM8 antibody

Cat. No. GTX54866

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP, Neutralizing /Inhibition, LCI
Reactivity	Human, Mouse, Rat

References (2)

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-P	Assay dependent
IHC-Fr	Assay dependent
IP	Assay dependent
Neutralizing /Inhibition	Assay dependent
LCI	Assay dependent

Not tested in other applications.

Calculated MW 128 kDa. ([Note](#))**Product Note** Knockdown/Knockout validation was supported by references (PMID: 35525986)

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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide SDVDGTTYDFAHC, corresponding to amino acid residues 917-929 (3rd extracellular loop) of human TRPM8 (Accession : Q7Z2W7).
Purification	Purified by antigen-affinity chromatography

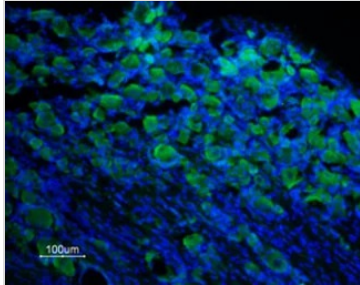


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Conjugation Unconjugated

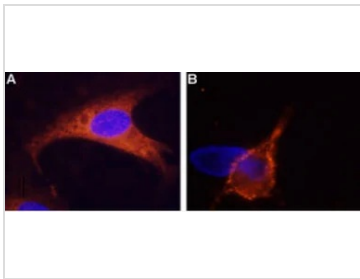
Note Knockdown/Knockout validation was supported by references (PMID: 35525986).

DATA IMAGES



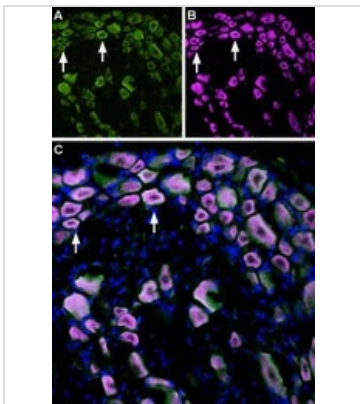
GTX54866 IHC-Fr Image

IHC-Fr analysis of rat DRG tissue using GTX54866 TRPM8 antibody. TRPM8 is expressed in DRG neurons. Hoechst 33342 is used as the counterstain.
Dilution : 1:100



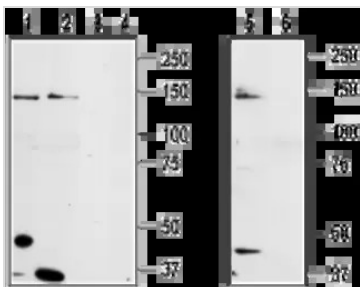
GTX54866 ICC/IF LCI Image

ICC/IF(Panel A) and Live cell imaging(Panel B) analysis of rat dorsal root ganglion (DRG) cells using GTX54866 TRPM8 antibody.
Blue : Hoechst 33342 for nuclear staining
Dilution : 1:500 for Panel A ; 1:50 for Panel B



GTX54866 IHC-Fr Image

IHC-Fr analysis of rat DRG tissue using GTX54866 TRPM8 antibody. Cell nuclei were stained with DAPI (blue).
Panel A : TRPM8 labeling (green).
Panel B : The same section was then labeled for TrkA (purple).
Panel C : Merge of A and B demonstrates co-localization of TRPM8 and TrkA in rat DRG (arrows).
Dilution : 1:300



GTX54866 WB Image

WB analysis of DU145 (lanes 1, 3), LNCaP (lanes 2, 4), and mouse-TRPM8 transfected HEK-293 (lanes 5, 6) cell lysates using GTX54866 TRPM8 antibody preincubated with or without immunogen peptide.
Dilution : 1:200



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