

TRPM7 antibody

Cat. No. GTX54865

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P
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-P	Assay dependent

Not tested in other applications.

Calculated MW 213 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	0.8 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Peptide CKRRKKDKTSDGPKLFLTEE, corresponding to amino acid residues 1146-1165 (Intracellular, C-terminus) of human TRPM7 (Accession : Q96QT4).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

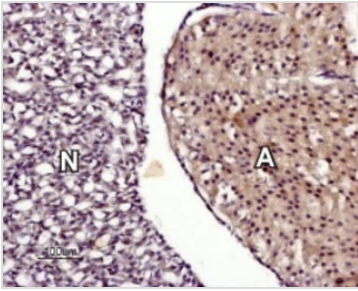
Note

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

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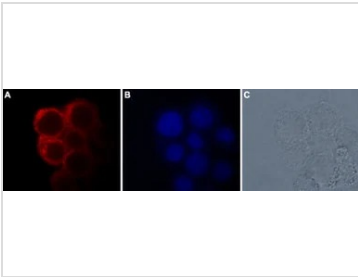


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DATA IMAGES

GTX54865 IHC-P Image

IHC-P analysis of rat pituitary gland tissue using GTX54865 TRPM7 antibody. Hematoxylin is used as the Counterstain.

Dilution : 1:50


GTX54865 ICC/IF Image

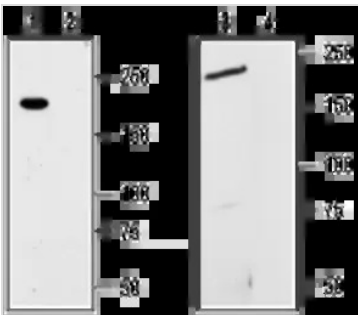
ICC/IF analysis of GH3 cells using GTX54865 TRPM7 antibody.

Panel A : Primary antibody

Panel B : DNA dye Hoechst 33342

Panel C : Live intact GH3 cells

Dilution : 1:100


GTX54865 WB Image

WB analysis of GH3 cell line (lanes 1 and 2) and mouse brain (lanes 3 and 4) lysates using GTX54865 TRPM7 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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