

MCOLN3 antibody

Cat. No. GTX16617

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-Fr
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
IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 64 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 CKDLPNSGKYRLEDD, corresponding to amino acid residues 528-542 (Intracellular, C-terminus) of mouse TRPML3 (Accession : Q8R4F0).
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated

Note

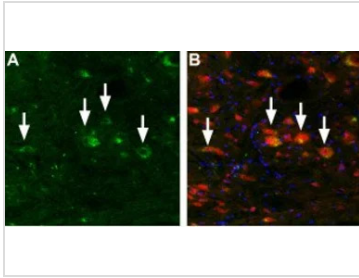
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DATA IMAGES



GTX16617 IHC-Fr Image

IHC-Fr analysis of mouse brain stem tissue using GTX16617 MCOLN3 antibody. DAPI is used as the counterstain (blue).

Panel A : TRPML3 (green) appears in neurons (arrows) in the area of the dorsal cochlear nucleus.

Panel B : Staining of the same section with mouse anti-parvalbumin (red) reveals that the TRPML3 appears in a subset of neurons in this nucleus.



GTX16617 WB Image

WB analysis of rat brain (lanes 1 and 4), kidney (lanes 2 and 5) and pancreas (lanes 3 and 6) lysates using GTX16617 MCOLN3 antibody preincubated with or without immunogen peptide.

Dilution : 1:200



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