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TRPM2 Rabbit pAb

Catalog No.: A6137 3 Publications

Basic Information

Observed MW
171kDa

Calculated MW
171kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC

Cross-Reactivity
Mouse, Rat

Background

The protein encoded by this gene forms a tetrameric cation channel that is permeable to calcium, sodium, and potassium and is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms. Additional transcript variants of this gene have been described, but their full-length nature is not known.

Recommended Dilutions

WB	1:100 - 1:500
IF/ICC	1:50 - 1:100

Immunogen Information

Gene ID
7226

Swiss Prot
O94759

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 1204-1503 of human TRPM2 (NP_003298.1).

Synonyms
KNP3; EREG1; TRPC7; LTRPC2; NUDT9H; LTrpC-2; NUDT9L1; TRPM2

Contact

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Product Information

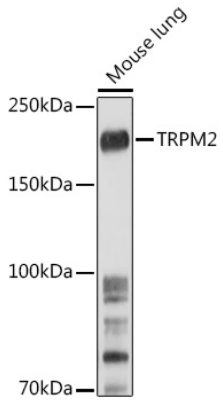
Source
Rabbit

Isotype
IgG

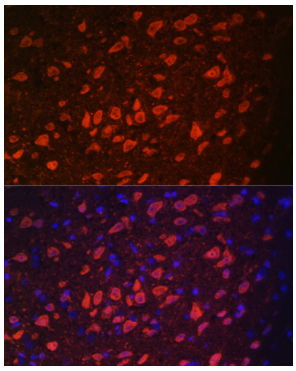
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

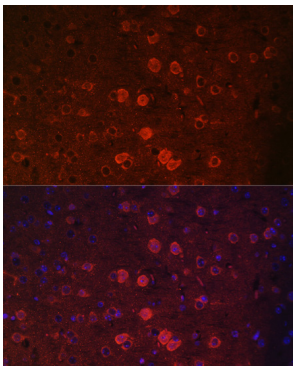
Validation Data



Western blot analysis of extracts of Mouse lung, using TRPM2 antibody (A6137) at 1:500 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Enhanced Kit (RM00021).
Exposure time: 90s.



Immunofluorescence analysis of rat brain using TRPM2 antibody (A6137) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using TRPM2 antibody (A6137) at dilution of 1:100. Blue: DAPI for nuclear staining.