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Product datasheet for TA382869

TRPM2 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB,1:500 - 1:2000 IF,1:50 - 1:100
Reactivity:	Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 900-1000 of human TRPM2 (NP_003298.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	95kDa/165kDa/171kDa
Gene Name:	transient receptor potential cation channel subfamily M member 2
Database Link:	O94759
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.

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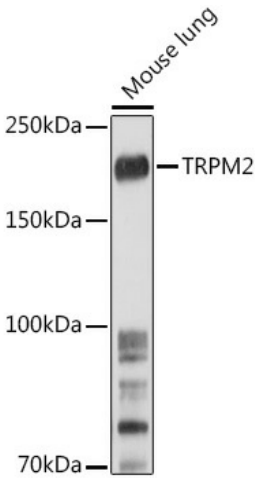
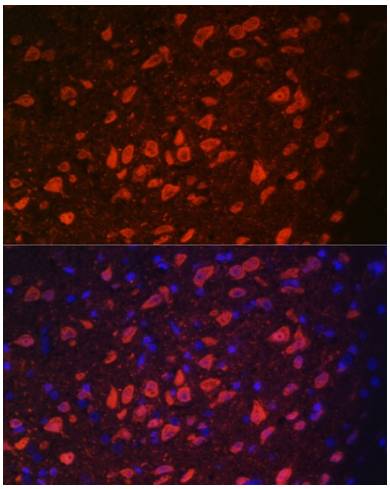
Synonyms: EREG1; KNP3; LTrpC-2; LTRPC2; MGC133383; NUDT9H; NUDT9L1; OTTHUMP00000109530; TrpC7

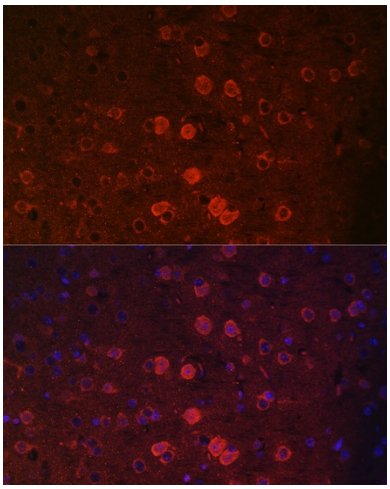
Product images:



Western blot analysis of extracts of Mouse lung, using TRPM2 antibody (TA382869) at 1:500 dilution.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% nonfat dry milk in TBST.|Detection: ECL Enhanced Kit .|Exposure time: 90s.



Immunofluorescence analysis of rat brain using TRPM2 antibody (TA382869) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using TRPM2 antibody (TA382869) at dilution of 1:100. Blue: DAPI for nuclear staining.