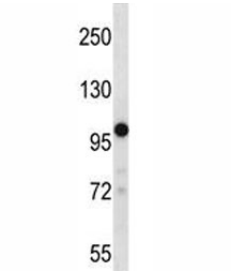
TRPM4 Antibody (F44473)

Catalog No.	Formulation	Size
F44473-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44473-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q8TD43
Localization	Cytoplasmic, membranous
Applications	Western blot: 1:1000
Limitations	This TRPM4 antibody is available for research use only.



TRPM4 antibody western blot analysis in 293 lysate. Predicted molecular weight: 116/134/119 kDa,(TRPM4a/b/c).

Description

The protein encoded by this gene is a calcium-activated nonselective ion channel that mediates transport of monovalent cations across membranes, thereby depolarizing the membrane. The activity of the encoded protein increases with increasing intracellular calcium concentration, but this channel does not transport calcium. Two transcript variants encoding different isoforms have been found for this gene.

Application Notes

Titration of the TRPM4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 1121-1149 from the human protein was used as the immunogen for this TRPM4 antibody.

Storage

Aliquot the TRPM4 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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