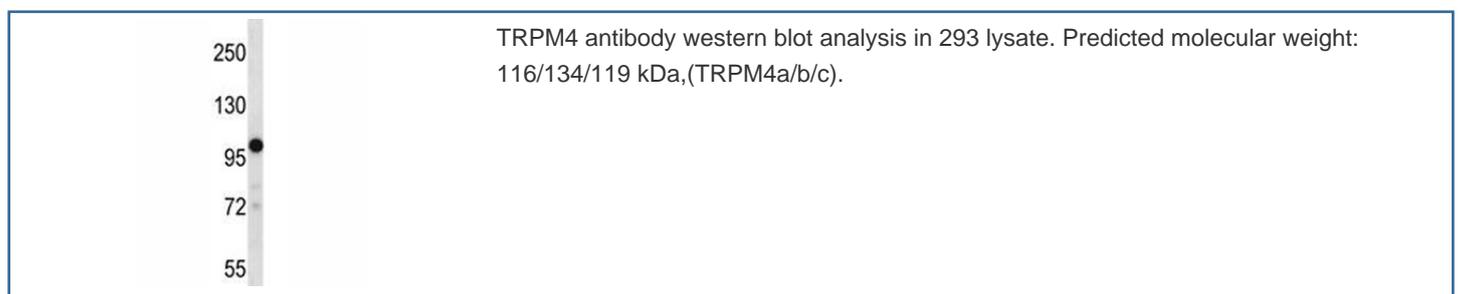


## TRPM4 Antibody (F44473)

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](#)

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



## 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.