

Product datasheet for **AP54363PU-N**

TRPM4 (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1:1;000. Western blot: 1:100~500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1120-1149 amino acids from the C-terminal region of human TRPM4
Specificity:	This antibody detects Melastatin-4 (C-term).
Formulation:	PBS with 0.09% (W/V) sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A column followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	transient receptor potential cation channel subfamily M member 4
Database Link:	Entrez Gene 54795 Human Q8TD43
Background:	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.



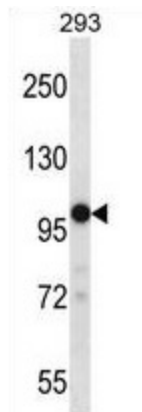
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Synonyms: TRPM4, LTRPC4

Note: **Molecular Weight:** 134301 Da

Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



TRPM4 Antibody (C-term) western blot analysis in 293 cell line lysates (35 ug/lane). This demonstrates the TRPM4 antibody detected the TRPM4 protein (arrow).