

Product datasheet for **TA338581**

TRPM4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-TRPM4 antibody: synthetic peptide directed towards the N terminal of human TRPM4. Synthetic peptide located within the following region: ELLTVYSSEEDGSEEFETIVLKALVKACGSSEASAYLDELRLAVAWNRVDI
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Protein A purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	134 kDa
Gene Name:	transient receptor potential cation channel subfamily M member 4
Database Link:	NP_060106 Entrez Gene 171143 Rat 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. [provided by RefSeq, Aug 2010]



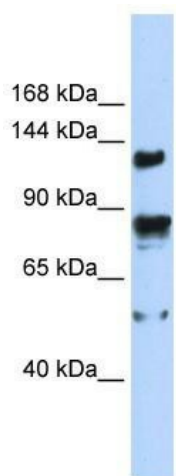
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Synonyms: hTRPM4; LTrpC4; PFHB1B; TRPM4B

Note: Immunogen Sequence Homology: Rat: 100%; Human: 100%; Mouse: 100%; Pig: 93%; Guinea pig: 93%; Dog: 86%; Horse: 86%; Bovine: 79%

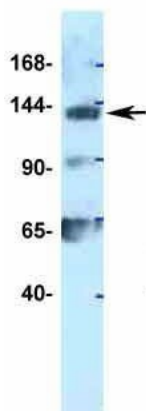
Protein Families: Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

Product images:



WB Suggested Anti-TRPM4 Antibody Titration:
0.2-1 ug/ml; ELISA Titer: 1:312500; Positive Control: 293T cell lysate

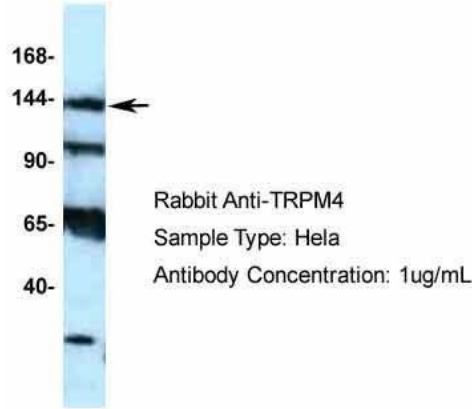
TRPM4



Rabbit Anti-TRPM4
Sample Type: 293T
Antibody Concentration: 1ug/mL

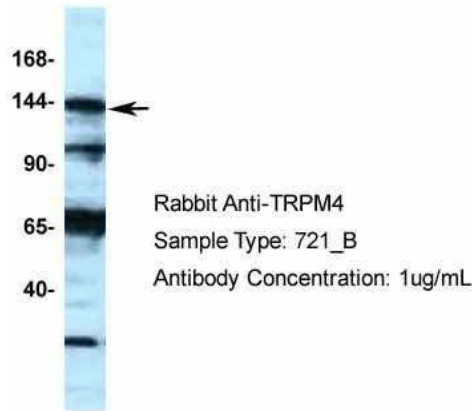
Host: Rabbit; Target Name: TRPM4; Sample Tissue: 293T; Antibody Dilution: 1.0 ug/ml

TRPM4



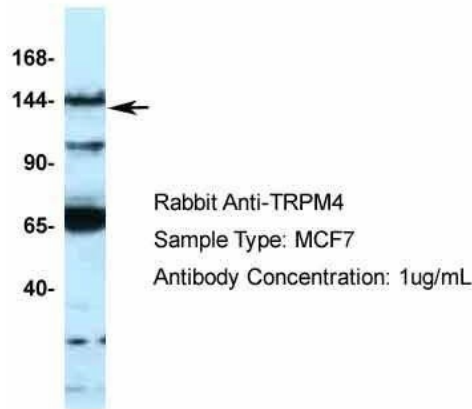
Host: Rabbit; Target Name: TRPM4; Sample Tissue: HeLa; Antibody Dilution: 1.0 ug/ml

TRPM4



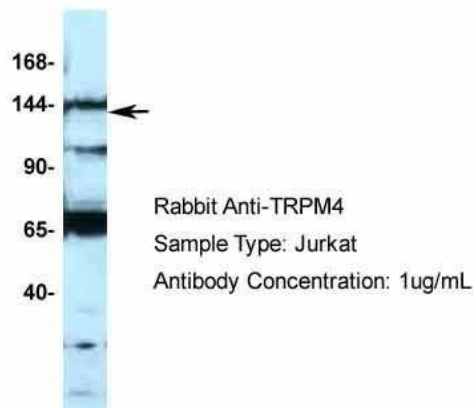
Host: Rabbit; Target Name: TRPM4; Sample Tissue: 721_B; Antibody Dilution: 1.0 ug/ml

TRPM4



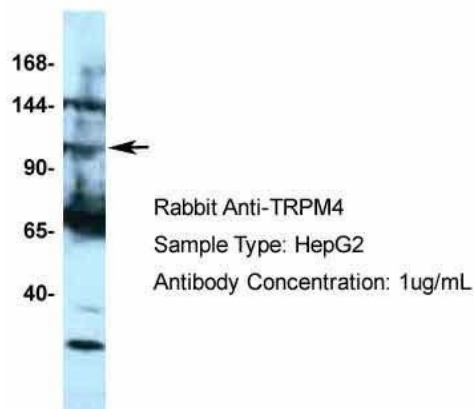
Host: Rabbit; Target Name: TRPM4; Sample Tissue: MCF7; Antibody Dilution: 1.0 ug/ml

TRPM4



Host: Rabbit; Target Name: TRPM4; Sample
Tissue: Jurkat; Antibody Dilution: 1.0 ug/ml

TRPM4



Host: Rabbit; Target Name: TRPM4; Sample
Tissue: HepG2; Antibody Dilution: 1.0 ug/ml