

## Product datasheet for **TA308572**

### TRPM2 Rabbit Polyclonal Antibody

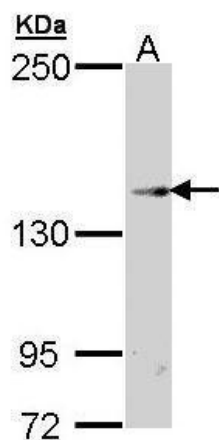
#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC:1:100-1:1000; WB:1:500-1:3000
Reactivity:	Human (Predicted: Mouse, Rat)
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fragment corresponding to a region within amino acids 181 and 423 of TRPM2 (Uniprot ID#O94759)
Formulation:	1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.
Concentration:	lot specific
Purification:	Purified by antigen-affinity chromatography.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	171 kDa
Gene Name:	transient receptor potential cation channel subfamily M member 2
Database Link:	<a href="#">NP_003298</a> <a href="#">Entrez Gene 28240 MouseEntrez Gene 294329 RatEntrez Gene 7226 Human O94759</a>
Background:	The protein encoded by this gene is a calcium-permeable cation channel that is regulated by free intracellular ADP-ribose. The encoded protein is activated by oxidative stress and confers susceptibility to cell death. Several alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known. [provided by RefSeq]
Synonyms:	EREG1; KNP3; LTRPC2; NUDT9H; NUDT9L1; TRPC7
Note:	Seq homology of immunogen across species: mouse (90%), Rat (90%)
Protein Families:	Druggable Genome, Ion Channels: Transient receptor potential, Transmembrane

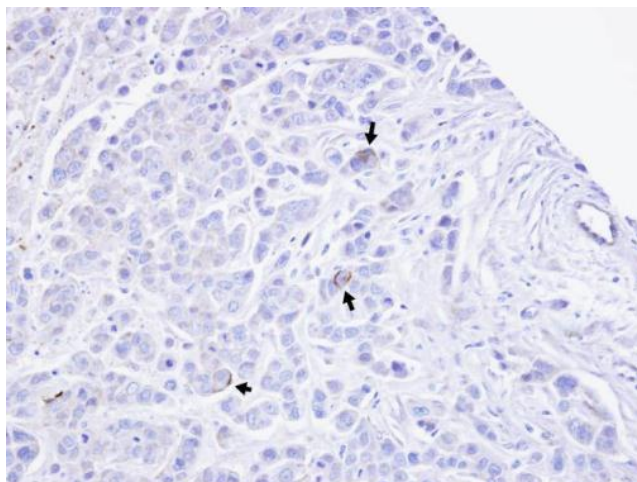


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## Product images:



Sample (30 ug of whole cell lysate). A: Hep G2.  
7.5% SDS PAGE. TA308572 diluted at 1:500.



Immunohistochemical analysis of paraffin-  
embedded MDAMB468 xenograft, using TRPM2  
(TA308572) antibody at 1:100 dilution.