

TRPM1 Polyclonal Antibody

Catalog NumberOST00037W

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Mouse, Rat
Host/Isotope	Sheep / IgG	Published species	Mouse
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (IHC)	Dilution *1:300-1:2,000
Immunogen	A synthetic peptide from aa region 750-800 of mouse TRPM1 conjugated to an immunogenic carrier protein was used as the antigen	Western Blot (WB)	1:300-1:2,000
		Published Applications	
Conjugate	Unconjugated	Immunohistochemistry (Frozen) (IHC (F))	See 1 publications below
Form	Lyophilized	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Concentration	Conc. Not Determined		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles. Glycerol (1:1) may be added for added stability.		

Product specific information

Reconstitute with 100 µL of distilled water.

Background/Target Information

The protein encoded by this gene is similar to the transient receptor potential (Trp) calcium channel family members. The expression of this protein is inversely correlated with melanoma aggressiveness, suggesting that it suppresses melanoma metastasis.

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PubMed References For TRPM1 Polyclonal Antibody

1 Immunohistochemistry (Frozen) References

Species / Dilution	Summary
	OST00037W was used in immunohistochemistry - frozen section to examine the effects of retinal progenitor cell proliferation on the spatiotemporal differentiation and synaptic development of rods and bipolar cells in early postnatal gestational lead exposure retinas
Mouse / 1:300	Molecular vision (2018; 22: 1468) "Increased proliferation of late-born retinal progenitor cells by gestational lead exposure delays rod and bipolar cell differentiation." Author(s):Chaney SY,Mukherjee S,Giddabasappa A,Rueda EM,Hamilton WR,Johnson JE,Fox DA PubMed Article URL: http://www.ncbi.nlm.nih.gov/pubmed/28050121

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