

bs-2888R**[Primary Antibody]****TRPM2 Rabbit pAb****Bioss**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:2000-5000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat, Horse)
GeneID: 7226	SWISS: O94759	
Target: TRPM2		Predicted MW.: 165 kDa
Immunogen: KLH conjugated synthetic peptide derived from human TRPM2: 951-1050/1503. < Extracellular >		Subcellular Location: Cell membrane
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: TRPM2 is a Ca(2+)-permeable channel that is activated by oxidative stress and confers susceptibility to cell death. Subunit : Isoform 1 can interact with isoform 3. This interaction decreases calcium influx through isoform 1 and suppresses susceptibility to oxidative stress-induced cell death.		

— SELECTED CITATIONS —

- **[IF=7.525]** Li, Xiangji. et al. The Janus-faced role of TRPM2-S in retroperitoneal liposarcoma via increasing ROS levels. CELL COMMUN SIGNAL. 2022 Dec;20(1):1-15 IHC,WB ;Human. 36008839
- **[IF=4.081]** Yıldızhan, Kenan. et al. Involvement of TRPM2 Channel on Doxorubicin-Induced Experimental Cardiotoxicity Model: Protective Role of Selenium. BIOL TRACE ELEM RES. 2022 Aug;:1-12 IHC ;Rat. 35922740
- **[IF=3.7]** Bayir Mehmet Hafit. et al. Effect of Hesperidin on Sciatic Nerve Damage in STZ-Induced Diabetic Neuropathy: Modulation of TRPM2 Channel. NEUROTOX RES. 2023 Jul;:1-10 IHC ;Rat. 37439953
- **[IF=3.9]** Ömer Faruk Keleş. et al.The Effect of Selenium Against Cadmium-Induced Nephrotoxicity in Rats: The Role of the TRPM2 Channel.toxics.2025 Jan 24;13(2):87. IHC ;Rat. 39997902