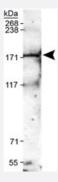


# Trpm2 polyclonal antibody

Catalog # PAB11991 Size 100 uL

## **Applications**



#### Western Blot (Tissue lysate)

Western blot analysis of Trpm2 in mouse brain membrane lysates with Trpm2 polyclonal antibody (Cat # PAB11991).

Specification	
Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Trpm2.
Immunogen	A synthetic peptide corresponding to amino acids 1200-1300 of mouse Trpm2.
Host	Rabbit
Reactivity	Mouse, Rat
Form	Liquid
Recommend Usage	Western Blot (2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (30% glycerol, 0.09% sodium azide)
Storage Instruction	Store at 4°C for short term. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.



### **Applications**

Western Blot (Tissue lysate)

Western blot analysis of Trpm2 in mouse brain membrane lysates with Trpm2 polyclonal antibody (Cat # PAB11991).

Gene Info — Trpm2	
Entrez GenelD	28240
Protein Accession#	Q91YD4
Gene Name	Trpm2
Gene Alias	9830168K16Rik, C79133, LTRPC2, TRPC7, Trp7, Trrp7
Gene Description	transient receptor potential cation channel, subfamily M, member 2
Gene Ontology	<u>Hyperlink</u>
Gene Summary	subfamily M
Other Designations	transient receptor potential channel 7 transient receptor protein 7

#### **Publication Reference**

 TRPM2 is an ion channel that modulates hematopoietic cell death through activation of caspases and PARP cleavage.

Zhang W, Hirschler-Laszkiewicz I, Tong Q, Conrad K, Sun SC, Penn L, Barber DL, Stahl R, Carey DJ, Cheung JY, Miller BA. American Journal of Physiology. Cell Physiology 2006 Apr; 290(4):C1146.

Application: IF, WB-Tr, Human, U937-ecoR cells

A novel TRPM2 isoform inhibits calcium influx and susceptibility to cell death.

Zhang W, Chu X, Tong Q, Cheung JY, Conrad K, Masker K, Miller BA.

The Journal of Biological Chemistry 2003 May; 278(18):16222.

Application: IP, WB-Tr, Human, HEK 293T, TF-1 cells