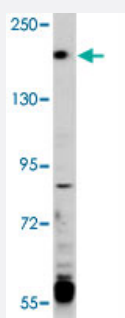


TRPM6 polyclonal antibody

Catalog # PAB3252

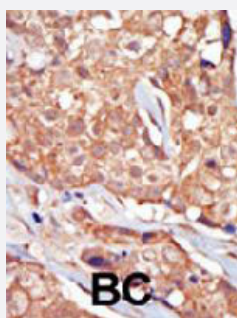
Size 400 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of CEM cell lysate (35 ug/lane) with TRPM6 polyclonal antibody (Cat # PAB3252).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with TRPM6 polyclonal antibody (Cat # PAB3252), which was peroxidase-conjugated to the secondary antibody, followed by AEC staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of TRPM6.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to internal region of human TRPM6.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A purification

Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:10-50) Western Blot (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. 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 should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of CEM cell lysate (35 ug/lane) with TRPM6 polyclonal antibody (Cat # PAB3252).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — TRPM6

Entrez GeneID	140803
Protein Accession#	NP_060132:Q9BX84
Gene Name	TRPM6
Gene Alias	CHAK2, HMGX, HOMG, HOMG1, HSH
Gene Description	transient receptor potential cation channel, subfamily M, member 6
Omim ID	602014 607009
Gene Ontology	Hyperlink
Gene Summary	subfamily M
Other Designations	OTTHUMP00000021487 hypomagnesemia, secondary hypocalcemia

Publication Reference

- [Overexpression of transient receptor potential melastatin 6 during human oral squamous cell carcinogenesis.](#)

Yen-Yun Wang, Wen-Chen Wang, Chiang-Wei Su, Ching-Wei Hsu, Shyng-Shiou Yuan, Yuk-Kwan Chen.

Journal of dental sciences 2023 Jan; 18(1):382.

Application: IHC, WB, Human, Ca9-22, DOK, HOK, Human oral mucosa, OECM-1 cells

- [Oncogenic kinase signalling.](#)

Blume-Jensen P, Hunter T.

Nature 2001 May; 411(6835):355.

- [Phosphoinositide 3-kinase signalling pathways.](#)

Cantrell DA.

Journal of Cell Science 2001 Apr; 114(Pt 8):1439.

- [The RET proto-oncogene in human cancers.](#)

Jiang SM.

Oncogene 2000 Nov; 19(49):5590.

Disease

- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)