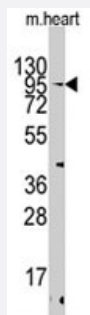


Trpv3 polyclonal antibody

Catalog # PAB3069

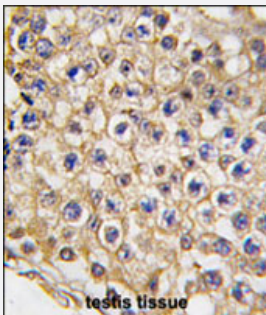
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of Trpv3 polyclonal antibody (Cat # PAB3069) in mouse heart tissue lysates (35 ug/lane). Trpv3 (arrow) was detected using the purified polyclonal antibody.



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

Formalin-fixed and paraffin-embedded human testis tissue reacted with Trpv3 polyclonal antibody (Cat # PAB3069), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Trpv3.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to N-terminus of mouse Trpv3.
Host	Rabbit
Reactivity	Mouse
Form	Liquid
Purification	Protein G purification

Recommend Usage	Western Blot (1:1000) Immunohistochemistry (1:10-50) 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 (Tissue lysate)

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Gene Info — Trpv3

Entrez GeneID	246788
Protein Accession#	NP_659567.Q8K424
Gene Name	Trpv3
Gene Alias	1110036I10Rik, AI644701, MGC124324, MGC124325, Nh, VRL3
Gene Description	transient receptor potential cation channel, subfamily V, member 3
Gene Ontology	Hyperlink
Gene Summary	subfamily V
Other Designations	OTTMUSP00000006438 TRP ion channel TRPV3 non-hair

Publication Reference

- [Increased TRPA1, TRPM8, and TRPV2 expression in dorsal root ganglia by nerve injury.](#)

Frederick J, Buck ME, Matson DJ, Cortright DN.

Biochemical and Biophysical Research Communications 2007 Jul; 358(4):1058.

- [Association of a mutation in TRPV3 with defective hair growth in rodents.](#)

Asakawa M, Yoshioka T, Matsutani T, Hikita I, Suzuki M, Oshima I, Tsukahara K, Arimura A, Horikawa T, Hirasawa T, Sakata T.

Journal of Investigative Dermatology 2006 Dec; 126(12):2664.

Application: WB, Mouse, Skin keratinocyte