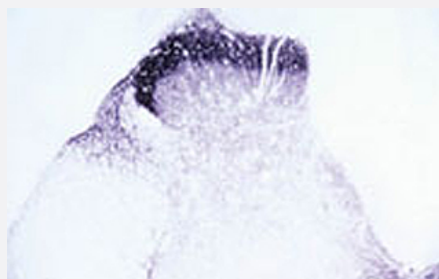


Trpv2 polyclonal antibody

Catalog # PAB14319

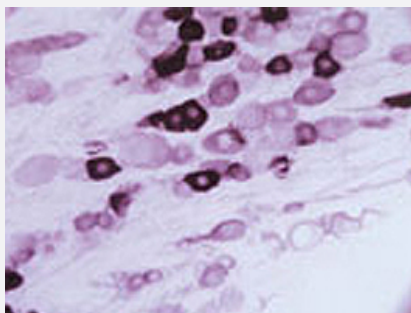
Size 50 ug

Applications



Immunohistochemistry

Immunohistochemical staining of Trpv2 in rat dorsal horn using Trpv2 polyclonal antibody (Cat # PAB14319).



Immunohistochemistry

Immunohistochemical staining of Trpv2 in rat trigeminal ganglion using Trpv2 polyclonal antibody (Cat # PAB14319).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of Trpv2.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to amino acids 744-761 of rat Trpv2.
Sequence	KNSASEEDHLPLQVLQSP
Host	Rabbit
Reactivity	Human, Rat
Specificity	Immunohistochemical analysis in rat dorsal root ganglia and spinal cord indicates a high level of specificity for this antiserum.

Form	Lyophilized
Recommend Usage	Immunofluorescence (0.5-1 ug) Immunohistochemistry (free-floating or paraffin embedded sections) (0.5-1 ug) Western Blot (0.5-1 ug) The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from PBS, pH 7.4 (0.02% sodium azide).
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 50 uL of sterile water, store at -20°C or lower. 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
- Immunohistochemistry
Immunohistochemical staining of Trpv2 in rat dorsal horn using Trpv2 polyclonal antibody (Cat # PAB14319).
- Immunohistochemistry
Immunohistochemical staining of Trpv2 in rat trigeminal ganglion using Trpv2 polyclonal antibody (Cat # PAB14319).
- Immunofluorescence

Gene Info — Trpv2

Entrez GeneID	29465
Protein Accession#	Q9WUD2
Gene Name	Trpv2
Gene Alias	MGC105451, Vr11
Gene Description	transient receptor potential cation channel, subfamily V, member 2
Gene Ontology	Hyperlink
Gene Summary	subfamily V

Publication Reference

- [Age-Related Differences in Transient Receptor Potential Vanilloid 1 and 2 Expression Patterns in the Trigeminal Ganglion Neurons Contribute to Changes in the Palatal Mucosal Heat Pain Sensitivity.](#)

Tatsuki Oto, Kentaro Urata, Yoshinori Hayashi, Suzuro Hitomi, Ikuko Shibuta, Koichi Iwata, Toshimitsu Iinuma, Masamichi Shinoda.

The Tohoku Journal of Experimental Medicine 2022 Apr; 256(4):283.

Application: IF, Mouse, Mouse trigeminal ganglion neurons

- [Impact of 60-GHz millimeter waves on stress and pain-related protein expression in differentiating neuron-like cells.](#)

Haas AJ, Le Page Y, Zhadobov M, Boriskin A, Sauleau R, Le Drean Y.

Bioelectromagnetics 2016 Aug; 37(7):444.

Application: IF, Rat, PC12

- [Dual expression of mouse and rat VRL-1 in the dorsal root ganglion derived cell line F-11 and biochemical analysis of VRL-1 after heterologous expression.](#)

Jahnel R, Bender O, Munter LM, Dreger M, Gillen C, Hucho F.

European Journal of Biochemistry 2003 Nov; 270(21):4264.

Application: WB, Rat, F-11 cells

- [A unified nomenclature for the superfamily of TRP cation channels.](#)

Montell C, Birnbaumer L, Flockerzi V, Bindels RJ, Bruford EA, Caterina MJ, Clapham DE, Harteneck C, Heller S, Julius D, Kojima I, Mori Y, Penner R, Prawitt D, Scharenberg AM, Schultz G, Shimizu N, Zhu MX.

Molecular Cell 2002 Feb; 9(2):229.

- [A capsaicin-receptor homologue with a high threshold for noxious heat.](#)

Caterina MJ, Rosen TA, Tominaga M, Brake AJ, Julius D.

Nature 1999 Apr; 398(6726):436.

Application: IF, IHC-Fr, Rat, Rat sensory ganglia, spinal cord