Datasheet for ABIN542624

anti-TRPV2 antibody (AA 744-761)

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Overview

Quantity:	50 µg
Target:	TRPV2
Binding Specificity:	AA 744-761
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Purpose:	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:	KNSASEEDHL PLQVLQSP
Specificity:	Immunohistochemical analysis in rat dorsal root ganglia and spinal cord indicates a high level of specificity for this antiserum.
Cross-Reactivity:	Human, Rat

Target Details

Target:	TRPV2
Alternative Name:	TRPV2 / Vanilloid receptor-like protein 1 (TRPV2 Products)

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Target Details

Gene ID:	29465
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Immunofluorescence (0.5-1 µg) Immunohistochemistry (free-floating or paraffin embedded sections) (0.5-1 µg) Western Blot (0.5-1 µg) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from PBS, pH 7.4 (0.02 % sodium azide).
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	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.

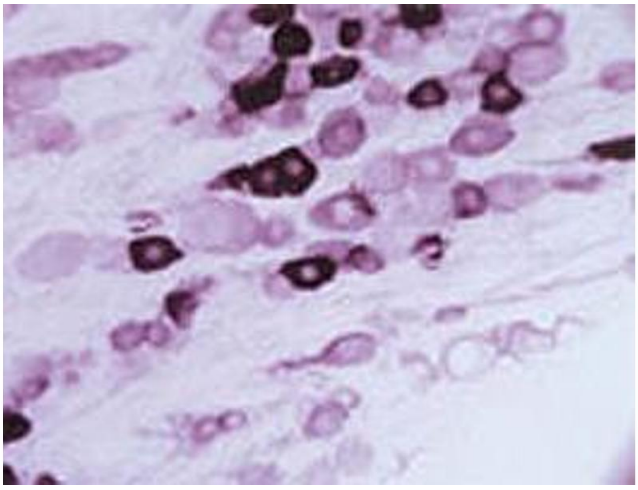
Publications

Product cited in:	Haas, Le Page, Zhadobov, Boriskin, Sauleau, Le Dréan: "Impact of 60-GHz millimeter waves on stress and pain-related protein expression in differentiating neuron-like cells." in: **Bioelectromagnetics**, Vol. 37, Issue 7, pp. 444-54, (2016) (PubMed). Jahnel, Bender, Münter, Dreger, Gillen, Hucho: "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." in: **European journal of biochemistry / FEBS**, Vol. 270, Issue 21, pp. 4264-71, (2003) (PubMed). Montell, Birnbaumer, Flockerzi, Bindels, Bruford, Caterina, Clapham, Harteneck, Heller, Julius,

Publications

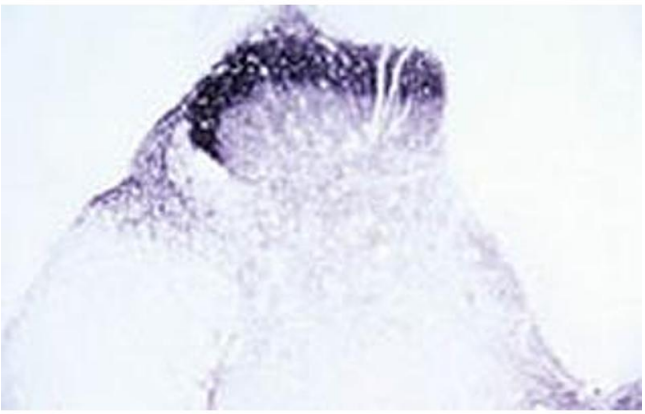
Kojima, Mori, Penner, Prawitt, Scharenberg, Schultz, Shimizu, Zhu: "A unified nomenclature for the superfamily of TRP cation channels." in: **Molecular cell**, Vol. 9, Issue 2, pp. 229-31, (2002) (PubMed).

Images



Immunohistochemistry

Image 1. Immunohistochemical staining of Trpv2 in rat trigeminal ganglion using Trpv2 polyclonal antibody .



Immunohistochemistry

Image 2. Immunohistochemical staining of Trpv2 in rat dorsal horn using Trpv2 polyclonal antibody .

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