

Datasheet

Trpv1 (phospho S800) polyclonal antibody

Catalog Number: PAB8499

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic phosphopeptide of Trpv1.

Immunogen: Synthetic phosphopeptide corresponding to residues surrounding S800 of rat Trpv1.

Host: Rabbit

Reactivity: Rat

Applications: WB-Ce

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Recommend Usage: Western Blot (0.5-2 ug/mL)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.1% proclin, 2.0% Block Ace)

Storage Instruction: Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 83810

Gene Symbol: Trpv1

Gene Alias: VR.5'sv, Vr1, Vr1l1

References:

1. Fufang Kushen injection inhibits sarcoma growth and tumor-induced hyperalgesia via TRPV1 signaling pathways. Zhao Z, Fan H, Higgins T, Qi J, Haines D, Trivett A, Oppenheim JJ, Wei H, Li J, Lin H, Howard OM *Cancer Lett.* 2014 Sep 19. pii: S0304-3835(14)00490-X. doi: 10.1016/j.canlet.2014.08.037.
2. Acid evoked thermal hyperalgesia involves peripheral

P2Y1 receptor mediated TRPV1 phosphorylation in a rodent model of thrombus induced ischemic pain. Kwon SG, Roh DH, Yoon SY, Moon JY, Choi SR, Choi HS, Kang SY, Han HJ, Beitz AJ, Oh SB, Lee JH *Mol Pain.* 2014 Jan 9;10(1):2. doi: 10.1186/1744-8069-10-2.

3. Increased sensitivity of desensitized TRPV1 by PMA occurs through PKCepsilon-mediated phosphorylation at S800. Mandadi S, Tominaga T, Numazaki M, Murayama N, Saito N, Armati PJ, Roufogalis BD, Tominaga M. *Pain.* 2006 Jul;123(1-2):106-16. Epub 2006 Mar 27.