

Datasheet

Trpv4 polyclonal antibody

Catalog Number: PAB8503

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of Trpv4.

Immunogen: A synthetic peptide corresponding to mouse Trpv4.

Host: Rabbit

Reactivity: Mouse

Applications: WB

(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 (3-10 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: 63873

Gene Symbol: Trpv4

Gene Alias: 0610033B08Rik, MGC150050, OTRPC4, Trp12, VR-OAC, VRL-2, VROAC

References:

1. Effects of body temperature on neural activity in the hippocampus: regulation of resting membrane potentials by transient receptor potential vanilloid 4. Shibasaki K, Suzuki M, Mizuno A, Tominaga M. J Neurosci. 2007 Feb 14;27(7):1566-75.
2. Transient receptor potential vanilloid 4 is essential in chemotherapy-induced neuropathic pain in the rat.

Alessandri-Haber N, Dina OA, Yeh JJ, Parada CA, Reichling DB, Levine JD. J Neurosci. 2004 May 5;24(18):4444-52.

3. Anandamide and arachidonic acid use epoxyeicosatrienoic acids to activate TRPV4 channels. Watanabe H, Vriens J, Prenen J, Droogmans G, Voets T, Nilius B. Nature. 2003 Jul 24;424(6947):434-8.