

Datasheet

TRPV1 polyclonal antibody

Catalog Number: PAB27817

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of TRPV1.

Immunogen: A synthetic peptide corresponding to 17 amino acid at internal region of human TRPV1.

Host: Rabbit

Reactivity: Guinea pig, Human

Applications: IHC-P

(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

Specificity: BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Form: Liquid

Purification: Immunoaffinity chromatography

Recommend Usage: Immunohistochemistry

(Formalin/PFA-fixed paraffin-embedded sections) (5 ug/mL)

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 -80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 7442

Gene Symbol: TRPV1

Gene Alias: DKFZp434K0220, VR1

Gene Summary: Capsaicin, the main pungent

ingredient in hot chili peppers, elicits a sensation of burning pain by selectively activating sensory neurons that convey information about noxious stimuli to the central nervous system. The protein encoded by this gene is a receptor for capsaicin and is a non-selective cation channel that is structurally related to members of the TRP family of ion channels. This receptor is also activated by increases in temperature in the noxious range, suggesting that it functions as a transducer of painful thermal stimuli in vivo. Four transcript variants encoding the same protein, but with different 5' UTR sequence, have been described for this gene. [provided by RefSeq]