

TRPV1 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP15183
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 440-520
Mol wt	N/A
Species reactivity	Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Transient receptor potential cation channel subfamily V member 1
Synonyms	Transient receptor potential cation channel subfamily V member 1 ;TrpV1;Capsaicin receptor;Osm-9-like TRP channel 1;OTRPC1;Vanilloid receptor 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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