

ARG10524
anti-TrpV1 antibodyPackage: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TrpV1
Tested Reactivity	Ms
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TrpV1
Antigen Species	Mouse
Immunogen	KLH-conjugated synthetic peptide around aa. 105-115 of Mouse TrpV1
Conjugation	Un-conjugated
Alternate Names	OTRPC1; VR1; Vanilloid receptor 1; Capsaicin receptor; TrpV1; Osm-9-like TRP channel 1; Transient receptor potential cation channel subfamily V member 1

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	WB	1:5000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse brain tissue	
Calculated Mw	~95kDa	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	0.01M PBS (pH 7.4)
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links

[GeneID: 193034 Mouse](#)

[Swiss-port # Q704Y3 Mouse](#)

Gene Symbol

Trpv1

Gene Full Name

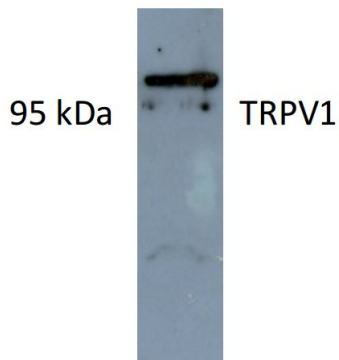
transient receptor potential cation channel, subfamily V, member 1

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. [provided by RefSeq, Jul 2008]

Function

Images



ARG10524 anti-TrpV1 antibody WB image

Western blot: extracts from mouse brain stained with ARG10524 anti-TrpV1 antibody.