

ARG54948 anti-TrpV1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes TrpV1
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	TrpV1
Species	Human
Immunogen	Synthetic peptide (16 aa) within the last 50 aa of Human 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 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	K562 Cell Lysate	

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Concentration	1 mg/ml
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: 7442 Human](#)

[Swiss-port # Q8NER1 Human](#)

Gene Symbol

TRPV1

Gene Full Name

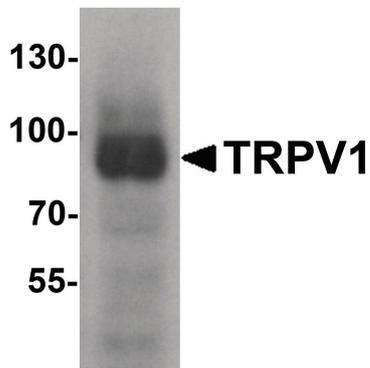
transient receptor potential cation channel, subfamily V, member 1

Background

TRPV1 Antibody: TRPV1 is a receptor for capsaicin, the main pungent ingredient in hot chili peppers, and elicits a sensation of burning pain by selectively activating sensory neurons. TRPV1 is a non-selective cation channel that is structurally related to members of the TRP family of ion channels such as TRPC3 and TRPC6. 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.

Function

Images



ARG54948 anti-TrpV1 antibody WB image

Western blot: K562 cell lysate stained with ARG54948 anti-TrpV1 antibody at 1 ug/ml dilution.