

TRPV1 Polyclonal Antibody

Catalog No.	A8564	Category	Polyclonal Antibodies
Applications	WB, IF	Observed MW	112kDa
Cross-reactivity	Human, Mouse, Rat	Calculated MW	94kDa

Immunogen Information

Immunogen	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human TRPV1 (NP_061197.4).
Gene ID	7442
Swiss prot	Q8NER1
Synonyms	TRPV1; VR1; transient receptor potential cation channel subfamily V member 1

Product information

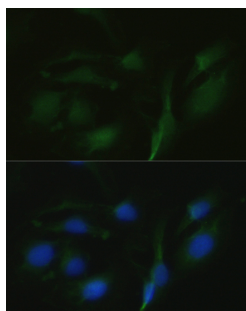
Source	Rabbit
Isotype	IgG
Purification method	Affinity purification
Storage	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

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.



Immunofluorescence - TRPV1 Polyclonal Antibody (A8564)

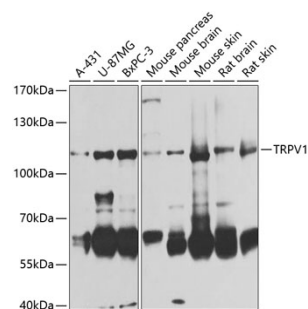


Immunofluorescence - TRPV1 Polyclonal Antibody (A8564)

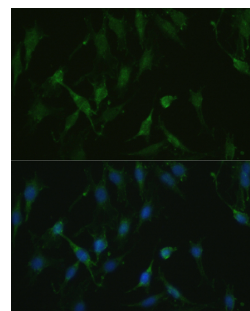
Recommended Dilutions

WB 1:500 -
1:2000

IF 1:50 -
1:200



Western blot - TRPV1 Polyclonal Antibody (A8564)



Immunofluorescence - TRPV1 Polyclonal Antibody (A8564)