

TRPV1 Rabbit Polyclonal Antibody

Catalog No: #55541

Package Size: #55541-1 50ul #55541-2 100ul

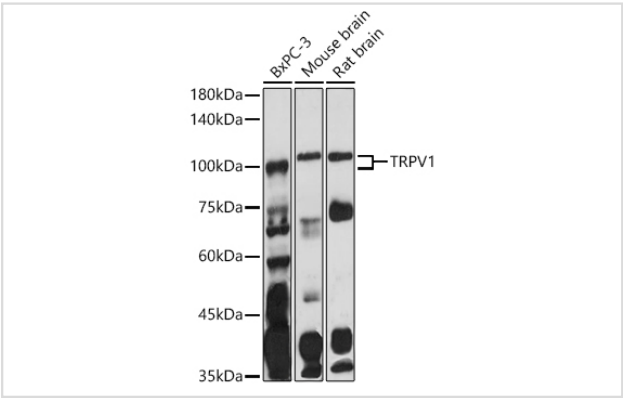
Description

Product Name	TRPV1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human TRPV1 (NP_061197.4).
Conjugates	Unconjugated
Other Names	TRPV1;VR1
Accession No.	Uniprot:Q8NER1GeneID:7442
Calculated MW	94kDa
SDS-PAGE MW	100KDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

Application Details

WB 1:500 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using TRPV1 antibody.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.