

TRPV1 antibody

Product Information

Catalog No.:	FNab10732
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

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.

Immunogen information

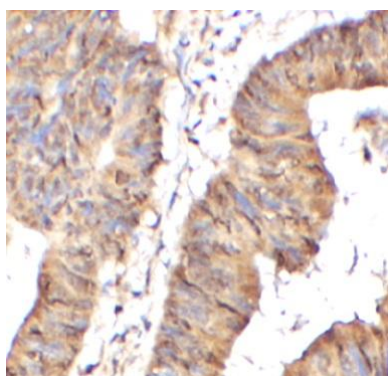
Immunogen:	centromere protein H
Synonyms:	Transient receptor potential cation channel subfamily V member 1 (TrpV1) Capsaicin receptor Osm-9-like TRP channel 1 (OTRPC1) Vanilloid receptor 1 TRPV1 VR1
Observed MW:	110 kDa
Uniprot ID :	Q8NER1

Application

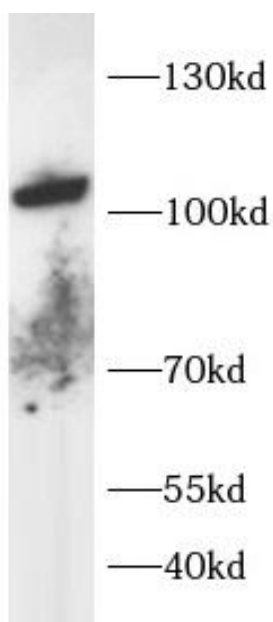
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

Recommended dilution: WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human colon tissue slide using FNab10732(TRPV1 antibody) at dilution of 1:100



293T cell lysates were subjected to SDS PAGE followed by western blot with FNab10732(TRPV1 antibody) at dilution of 1:1000