

Datasheet for ABIN6149596
anti-TRPV1 antibody (AA 400-500)



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1 Image

Overview

Quantity:	100 µL
Target:	TRPV1
Binding Specificity:	AA 400-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TRPV1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 400-500 of human TRPV1 (NP_061197.4).
Sequence:	IAYSSSETPN RHDMLLVEPL NLLQDKWDR FVKRIFYFNF LVCYLYMIIF TMAAYRPPVD GLPPFKMEKT GDYFRVTGEI LSVLGGVYFF FRGIQYFLQR R
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Target Details

Target:	TRPV1
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Target Details

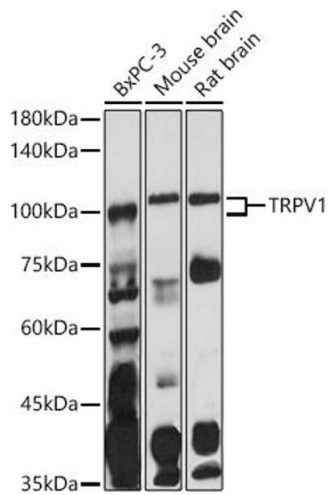
Alternative Name:	TRPV1 (TRPV1 Products)
Background:	Capsaicin, the main pungent ingredient in hot chili peppers, elicits a sensation of burning pain by selectively activating sensory neurons that convey information about noxious stimuli to the central nervous system. The protein encoded by this gene 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.,TRPV1,VR1,Neuroscience,TRPV1
Molecular Weight:	94 kDa
Gene ID:	7442
UniProt:	Q8NER1
Pathways:	Dicarboxylic Acid Transport

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using TRPV1 antibody (ABIN6133947, ABIN6149596, ABIN6149597 and ABIN6224662) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.