PRODUCT DATA SHEET

VR1 rabbit pAb

Catalog No.	IPB14370
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:500-2000
Gene Name	TRPV1 VR1
Protein Name	VR1
Human Gene Id	7442
Swiss-Prot	Q8NER1
Formulation	Liquid in PBS containing 50% glycerol, and 007% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cell junction, synapse, postsynaptic cell membrane; Multi-pass membrane protein Cell projection, dendritic spine membrane; Multi-pass membrane protein Cell membrane; Multi-pass membrane protein Mostly, but not exclusively expressed in postsynaptic dendritic spines
MW	92290
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

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