

Rabbit anti-Human TRPV1 Polyclonal Antibody | anti-TRPV1 antibody

TRPV1 Antibody

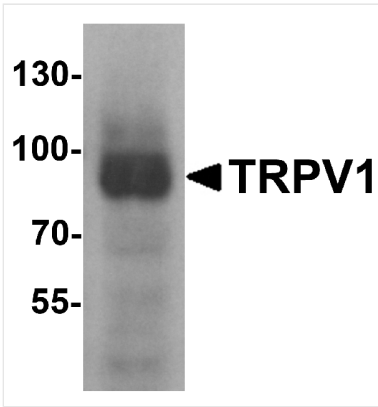
CATALOG # AAA40494	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

TRPV1; Polyclonal Antibody; TRPV1 Antibody; VR1; Transient receptor potential cation channel subfamily V member 1; Capsaicin receptor; TrpV1; transient receptor potential cation channel; subfamily V; member 1; anti-TRPV1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	TRPV1 Antibody is affinity chromatography purified via peptide column.
Form/Format	TRPV1 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	839
Applicable Applications for anti-TRPV1 antibody	WB (Western Blot), ELISA
Homology	Predicted species reactivity based on immunogen sequence: Guinea pig: (81%), Mouse: (75%)
Immunogen	Rabbit polyclonal TRPV1 antibody was raised against a 16 amino acid peptide near the carboxy terminus of human TRPV1. The immunogen is located within the last 50 amino acids of TRPV1.
Positive Control	1) Cat# - K562 Cell Lysate
Conjugate	Unconjugated
Physical State	Liquid
Preparation and Storage	TRPV1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.



WB (Western Blot)
Western blot analysis of TRPV1 in K562 cell lysate with TRPV1 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPV1 antibody	TRPV1 Antibody: TRPV1 is a receptor for capsaicin, the main pungent ingredient in hot chili peppers, and elicits a sensation of burning pain by selectively activating sensory neurons. TRPV1 is a non-selective cation channel that is structurally related to members of the TRP family of ion channels such as TRPC3 and TRPC6. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74315354
NCBI GeneID	7442
NCBI Accession #	NP_542437
NCBI GenBank Nucleotide #	NM_080706.3
UniProt Accession #	Q8NER1; Q3LU47; Q9H0G9; Q9H303; Q9H304; Q9NQ74; Q9NY22; A2RUA9
Molecular Weight	Predicted: 92 kDa
NCBI Official Full Name	transient receptor potential cation channel subfamily V member 1
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 1
NCBI Official Symbol	TRPV1
NCBI Official Synonym Symbols	VR1
NCBI Protein Information	transient receptor potential cation channel subfamily V member 1; OTRPC1; capsaicin receptor; osm-9-like TRP channel 1; vanilloid receptor subtype 1; transient receptor potential vanilloid 1a; transient receptor potential vanilloid 1b
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 1
UniProt Gene Name	TRPV1
UniProt Synonym Gene Names	VR1; TrpV1; OTRPC1
UniProt Entry Name	TRPV1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.