

Rabbit VR1 Polyclonal Antibody | anti-VR1 antibody

VR1 Antibody

CATALOG # AAA319925	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

VR1; Polyclonal Antibody; VR1 Antibody; Transient receptor potential cation channel subfamily V member 1 (TrpV1)(Capsaicin receptor)(Osm-9-like TRP channel 1)(OTRPC1)(Vanilloid receptor 1); anti-VR1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This antibody detects endogenous levels of VR1 at Human, Mouse, Rat
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-VR1 antibody	WB (Western Blot)
Immunogen	Synthesized peptide derived from human VR1
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



Application Data

Role of TRPA1/TRPV1 in acute ozone exposure induced murine model of airway inflammation and bronchial hyperresponsiveness Journal of Thoracic Disease Feng Li WB Mouse



Application Data

Ambient NO2 exposure induces migraine in rats: Evidence, mechanisms and interventions WB Rat /trigeminal nerve cells

ADDITIONAL INFORMATION

Related Product Information for anti-VR1 antibody	transient receptor potential cation channel subfamily V member 1(TRPV1) Homo sapiens 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. [provided by RefSeq, Jul 2008]
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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.