

Rabbit VRL1 / TRPV2 Polyclonal Antibody | anti-VRL1 antibody

Rabbit Polyclonal to Human VRL1 / TRPV2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52146	Rabbit	Human Predicted Reactivity: Chimpanzee, Orangutan (at least 90% immunogen sequence identity)	Immunohistochemistry

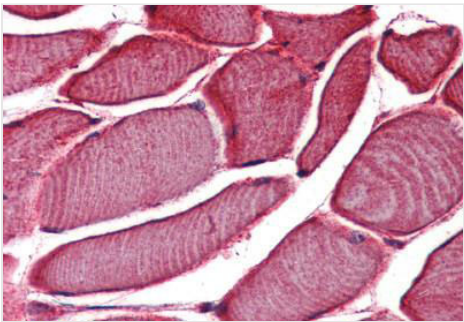
PRODUCT SYNONYMS

VRL1 / TRPV2; Polyclonal Antibody; Rabbit Polyclonal to Human VRL1 / TRPV2; Anti-VRL1 / TRPV2 Antibody (Internal) IHC-plus; TRPV2; GRC; OTRPC2; Osm-9-like TRP channel 2; VRL-1; VRL1; VRL; Human VRL1; anti-VRL1 antibody

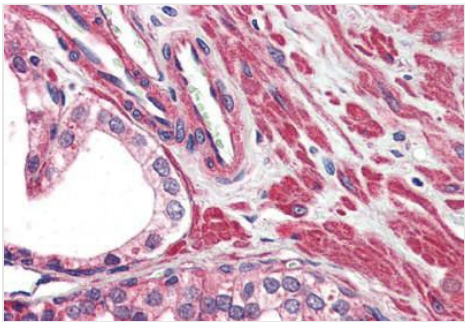
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Chimpanzee, Orangutan (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human TRPV2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	764
Applicable Applications for anti-VRL1 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from internal region of human TRPV2. Percent identity with other species by BLAST analysis: Human (100%); Chimpanzee, Orangutan (93%); Gibbon, Monkey (80%).
Immunogen Type	Synthetic peptide
Immunogen	VRL1 / TRPV2 antibody was raised against synthetic 15 amino acid peptide from internal region of human TRPV2. Percent identity with other species by BLAST analysis: Human (100%); Chimpanzee, Orangutan (93%); Gibbon, Monkey (80%).
Antigen Modification	Internal
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-TRPV2 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-TRPV2 antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-VRL1 antibody	Transient Receptor Potential Vanilloid (TRPV) channels are widely expressed in both sensory and nonsensory cells. TRPV2, a member of transient receptor potential ion channels, responds to high-threshold noxious heat (with a threshold of approximately 52 degrees C), but neither to capsaicin nor to proton. TRPV2 transcripts are not restricted to the sensory nervous system, indicating that this channel may be activated by stimuli other than heat.
Product Categories/Family for anti-VRL1 antibody	Family: Ion Channel; Subfamily: Calcium channel - TRP

NCBI AND UNIPROT INFORMATION

NCBI GI #	20127551
NCBI GeneID	51393
NCBI Accession #	NP_057197.2
NCBI GenBank Nucleotide #	NM_016113.4
UniProt Accession #	Q9Y5S1; Q9Y670; A6NML2; A8K0Z0
Molecular Weight	85,981 Da
NCBI Official Full Name	transient receptor potential cation channel subfamily V member 2
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 2
NCBI Official Symbol	TRPV2
NCBI Official Synonym Symbols	VRL; VRL1; VRL-1
NCBI Protein Information	transient receptor potential cation channel subfamily V member 2; OTRPC2; osm-9-like TRP channel 2; vanilloid receptor-like protein 1
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 2
UniProt Gene Name	TRPV2
UniProt Synonym Gene Names	VRL; TrpV2; OTRPC2; VRL-1
UniProt Entry Name	TRPV2_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.