

anti-Human, Rat VR1 Antibody | anti-VR1 antibody

VR1- C-Terminus Antiserum, guinea pig

CATALOG # AAA76516	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry
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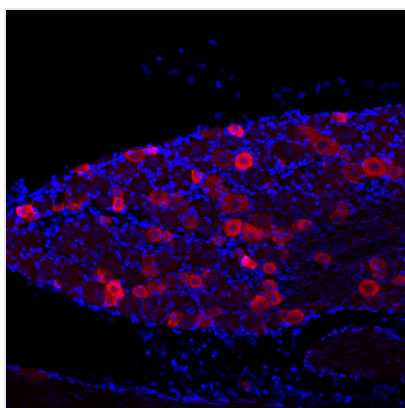
PRODUCT SYNONYMS

VR1; VR1- C-Terminus Antiserum; guinea pig; anti-VR1 antibody

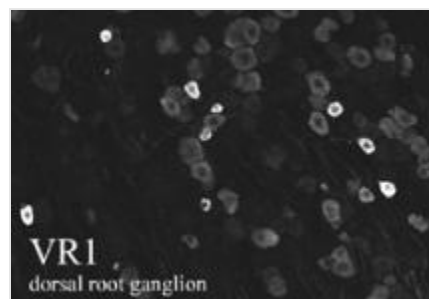
PRODUCT SPECIFICATIONS

Reactivity	Human, Rat
Form/Format	Whole serum - Liquid
Sequence Length	839
Applicable Applications for anti-VR1 antibody	IHC (Immunohistochemistry)
Type Info	Guinea Pig IgG
Immunogen	YTGSLKPDAEVFKDSMVPGEK

IMAGES



Application Data



Application Data

Image: TRPV1 staining of mouse inferior olive using Cy3-conjugated donkey anti-rabbit secondary antibodies (red color) and DAPI (blue) as a nuclear counterstain.

ADDITIONAL INFORMATION

Related Product Information for anti-VR1 antibody	VR1 (vanilloid receptor 1) is a channel activated by capsaicin, the pungent ingredient in hot peppers. It was isolated from sensory neurons. Sequence analysis suggests that VR1 has six transmembrane domains and intracellular N- and C-termini. It shares structural similarities with the family of putative store-operated calcium channels. VR1 is expressed by nociceptive sensory neurons. It is activated by noxious heat and is thought to function as transducer of noxious thermal stimuli.
Product Categories/Family for anti-VR1 antibody	VR1 C-terminus (TRPV1)

NCBI AND UNIPROT INFORMATION

NCBI GI #	15028819
NCBI GeneID	7442
UniProt Accession #	Q8NER1; Q3LU47; Q9H0G9; Q9H303; Q9H304; Q9NQ74; Q9NY22; A2RUA9
Molecular Weight	94,211 Da
NCBI Official Full Name	vanilloid receptor 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
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.

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Online datasheet: <https://stage.aaabiotech.com/human-rat-antibody/vr1/76516>