

Rabbit anti-Human, Mouse TRPV2 Polyclonal Antibody | anti-TRPV2 antibody

TRPV2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234532	Rabbit	Human, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

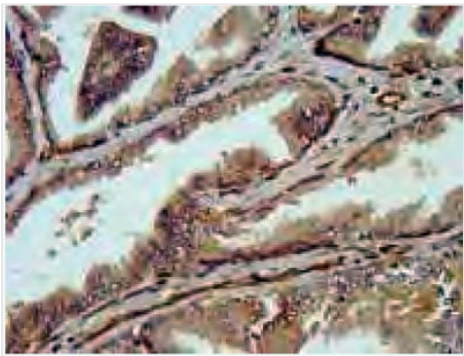
PRODUCT SYNONYMS

TRPV2; Polyclonal Antibody; TRPV2 Antibody; Transient receptor potential cation channel subfamily V member 2; TrpV2; Osm-9-like TRP channel 2; OTRPC2; Vanilloid receptor-like protein 1; VRL-1; VRL; anti-TRPV2 antibody

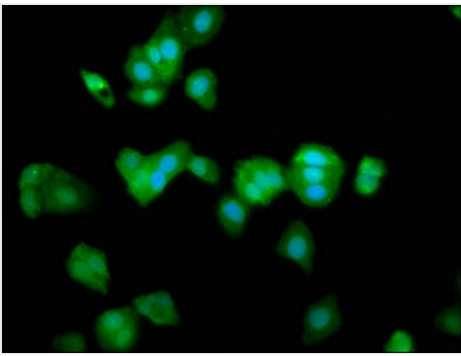
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	764
Applicable Applications for anti-TRPV2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Transient receptor potential cation channel subfamily V member 2 protein (1-117AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo sapiens (Human)
Research Area	Neuroscience
Target Names	TRPV2
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

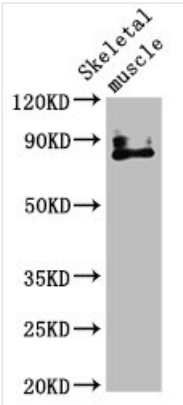
IMAGES



IHC (Immunohistochemisry)
IHC image of AAA234532 diluted at 1:800 and staining in paraffin-embedded human prostate tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IF (Immunofluorescence)
Immunofluorescence staining of HepG2 cells with AAA234532 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



WB (Western Blot)
Western BlotPositive WB detected in: Mouse skeletal muscle tissueAll lanes: TRPV2 antibody at 4.51ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 86 KDaObserved band size: 86 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-TRPV2 antibody	Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius; is not activated by vanilloids and acidic pH.
Product Categories/Family for anti-TRPV2 antibody	Neuroscience

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
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
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

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/polyclonal/trpv2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234532>