

Rabbit anti-Human, Mouse TRPV5 Antibody | anti-TRPV5 antibody

TRPV5 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA279552	Rabbit	Human, Mouse	Immunofluorescence, Western Blot

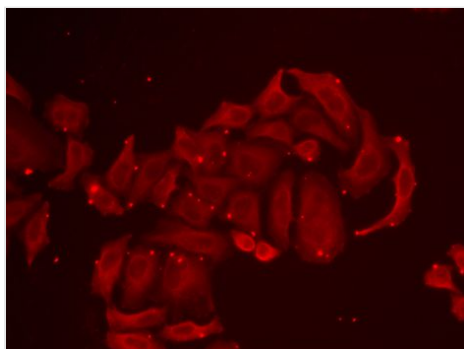
PRODUCT SYNONYMS

TRPV5; TRPV5 Polyclonal Antibody; CAT2; ECAC1; OTRPC3; anti-TRPV5 antibody

PRODUCT SPECIFICATIONS

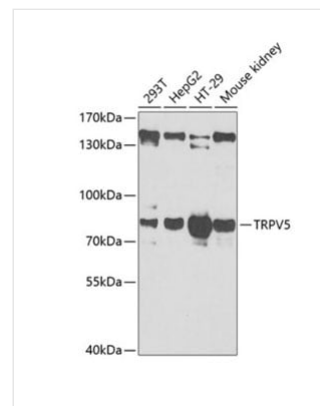
Host	Rabbit
Reactivity	Human, Mouse
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-TRPV5 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-325of human TRPV5 (NP_062815.3).
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TRPV5 antibody.(AAA279552)



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TRPV5 antibody (AAA279552) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPV5 antibody	This gene is a member of the transient receptor family and the TrpV subfamily. The calcium-selective channel encoded by this gene has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5ANK repeats. This protein forms homotetramers or heterotetramers and is activated by low internal calcium level.
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Product Categories/Family for anti-TRPV5 antibody

Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	62901471
NCBI GeneID	56302
UniProt Accession #	Q9NQA5; Q8N4C1; Q8NDW5; Q8NDX7; Q8NDX8; Q96PM6; A4D2H7; E9PBZ6
Molecular Weight	Observed MW: 83kDa Calculated MW: 43kDa/82kDa
NCBI Official Full Name	Transient receptor potential cation channel subfamily V member 5
NCBI Official Synonym Full Names	transient receptor potential cation channel, subfamily V, member 5
NCBI Official Symbol	TRPV5
NCBI Official Synonym Symbols	CAT2; ECAC1; OTRPC3
NCBI Protein Information	transient receptor potential cation channel subfamily V member 5; calcium transporter 2; osm-9-like TRP channel 3; calcium transport protein 2; epithelial calcium channel 1
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 5
UniProt Gene Name	TRPV5
UniProt Synonym Gene Names	ECAC1; TrpV5; CaT2; ECaC; ECaC1; OTRPC3
UniProt Entry Name	TRPV5_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/rabbit-human-mouse-antibody/trpv5/279552>