

TRPV5 recombinant antibody

Recombinant Anti-TRPV5 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266285	Rabbit	Human, Mouse	Immunocytochemistry, Immunofluorescence, Western Blot

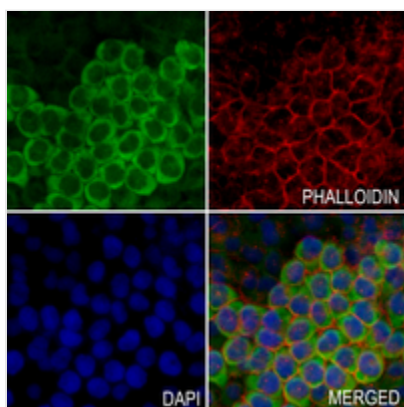
PRODUCT SYNONYMS

TRPV5; Monoclonal Recombinant Antibody; Recombinant Anti-TRPV5 Rabbit mAb; ECAC1; Transient receptor potential cation channel subfamily V member 5; TrpV5; Calcium transport protein 2; CaT2; Epithelial calcium channel 1; ECaC; ECaC1; Osm-9-like TRP channel 3; OTRPC3; TRPV5 recombinant antibody

PRODUCT SPECIFICATIONS

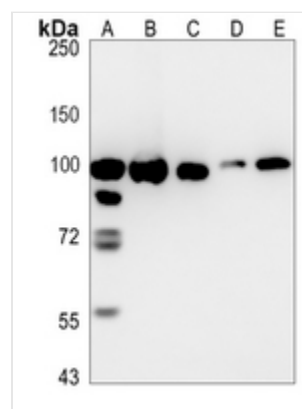
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of TRPV5 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for TRPV5 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human TRPV5. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of TRPV5 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of TRPV5 expression in HEK293T (A), EC9706 (B), LOVO (C), mouse lung (D), mouse kidney (E) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 85-100 kD)

ADDITIONAL INFORMATION

Related Product Information for TRPV5 recombinant antibody	Recombinant rabbit monoclonal antibody to TRPV5
Product Categories/Family for TRPV5 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	730229359
NCBI GeneID	56302
NCBI Accession #	NP_062815.3
NCBI GenBank Nucleotide #	NM_019841.6
UniProt Accession #	Q9NQA5; P69744
Molecular Weight	43,186 Da
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
UniProt Protein Name	Transient receptor potential cation channel subfamily V member 5
UniProt Gene Name	TRPV5
UniProt Synonym Gene Names	ECAC11 PublicationManual assertion based on opinion iniRef.1; ECaC; ECaC1; OTRPC3

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/monoclonal/trpv5-recombinant-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/266285>