

Rabbit TRPV5 Polyclonal Antibody | anti-TRPV5 antibody

TRPV5 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200000	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

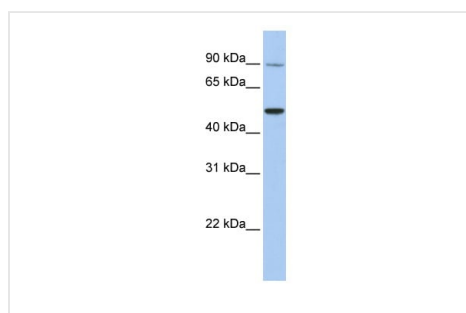
PRODUCT SYNONYMS

TRPV5; Polyclonal Antibody; TRPV5 antibody - N-terminal region; anti-TRPV5 antibody

PRODUCT SPECIFICATIONS

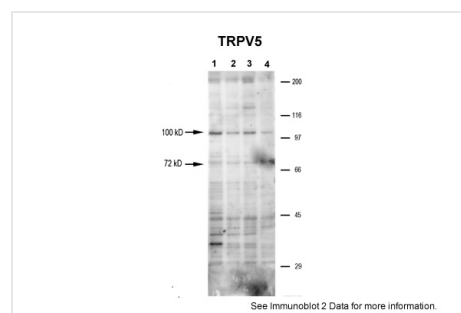
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: ML QQKRILESPL LRASKENDLS VLRQLLLDCT CDVRQRGALG ETALHIAA
Sequence Length	729
Applicable Applications for anti-TRPV5 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 85%; Dog: 85%; Guinea Pig: 85%; Horse: 77%; Human: 100%; Mouse: 85%; Pig: 92%; Rabbit: 77%; Rat: 85%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TRPV5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



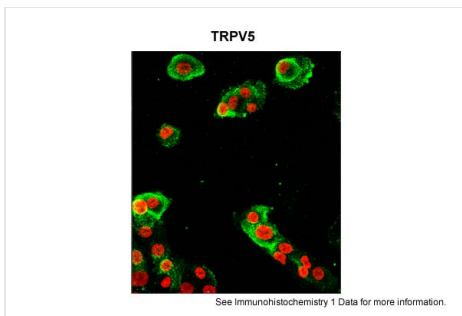
WB (Western Blot)

WB Suggested Anti-TRPV5 Antibody Titration: 0.2-1 ug/ml
Positive Control: 721_B cell lysate
TRPV5 is supported by BioGPS gene expression data to be expressed in 721_B



WB (Western Blot)

Sample Type: Human
Sample Type: 1-4. hRetinal pigment epithelial cells, 4 individual donors (20ug)
Primary Dilution: 1:1000
Secondary Antibody: goat anti-rabbit-AP
Secondary Dilution: 1:2000
Image Submitted by: Brian Kennedy
Indiana University Northwest
See Customer Feedback tab for detailed information.



IHC (Immunohistochemistry)
 Sample Type: HumanSample Type: hRetinal pigment epithelial cellsGreen: primaryRed: nuclearPrimary Dilution: 1:200Secondary Antibody: goat anti-rabbit-Alexa 488Secondary Dilution: 1:500Image Submitted by: Brian KennedyIndiana University Northwest See Customer Feedback tab for detailed information.

ADDITIONAL INFORMATION

Related Product Information for anti-TRPV5 antibody	This is a rabbit polyclonal antibody against TRPV5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: TRPV5 is a member of the transient receptor family and the TrpV subfamily. TRPV5, a calcium-selective channel, has 6 transmembrane-spanning domains, multiple potential phosphorylation sites, an N-linked glycosylation site, and 5 ANK repeats. TRPV5 forms homotetramers or heterotetramers and is activated by a low internal calcium level.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 5 ANK repeats. This protein forms homotetramers or heterotetramers and is activated by a low internal calcium level. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-2486 AF304464.1 86-2571
Product Categories/Family for anti-TRPV5 antibody	Polyclonal ; Ion Channel ; Membrane Protein ; Immunohistochemistry ; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	730229359
NCBI GeneID	56302
NCBI Accession #	NP_062815
NCBI GenBank Nucleotide #	NM_019841
UniProt Accession #	Q9NQA5
Molecular Weight	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
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/polyclonal/trpv5-antibody-western-blot-immunohistochemistry-elisa/200000>