

TRPV5 rabbit monoclonal antibody

Catalog # H00056302-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human TRPV5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human TRPV5 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human TRPV5 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — TRPV5

Entrez GeneID [56302](#)

GeneBank Accession# [TRPV5](#)

Gene Name TRPV5

Gene Alias CAT2, ECAC1, OTRPC3

Gene Description transient receptor potential cation channel, subfamily V, member 5

Omim ID [606679](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations calcium transporter 2|epithelial calcium channel 1|osm-9-like TRP channel 3