



## TRPV3 Antibody

CATALOG NUMBER: 46-915

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA, WB
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 26 kDa band in human skin lysates after 0.3 ug/mL antibody staining. In transfected HEK293 transiently expressing full-length human TRPV3 (myc and DYKDDDDK tagged), a band of approximately 90 kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag antibody. Recommended concentration, 0.5-1 ug/mL.
<b>IMMUNOGEN:</b>	TRPV3 antibody was raised against a 12 amino acid synthetic peptide near the internal region (near C-Terminus) of TRPV3.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	TRPV3 antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	TRPV3 antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	TRPV3, transient receptor potential cation channel, subfamily V, member 3, VRL3, vanilloid receptor 3, vanilloid receptor-related osmotically activated channel protein, OLMS
<b>ACCESSION NO.:</b>	NP_659505.1
<b>PROTEIN GI NO.:</b>	21735483
<b>OFFICIAL SYMBOL:</b>	TRPV3
<b>GENE ID:</b>	162514

### Background

<b>REFERENCES:</b>	1) Xu H, Ramsey IS, Kotecha SA, Moran MM, Chong JA, Lawson D, Ge P, Lilly J, Silos-Santiago I, Xie Y, DiStefano PS, Curtis R, Clapham DE. TRPV3 is a calcium-permeable temperature-sensitive cation channel. Nature. 2002 Jul 11;418(6894):181-6. Epub 2002 Jun 23
--------------------	--

FOR RESEARCH USE ONLY