



Email: <a href="mailto:customerservice@vectorlabs.com">customerservice@vectorlabs.com</a>

Telephone: (650) 697-3600

## **GOAT ANTI-TRPV5 ANTIBODY**

**SKU:** EB08515





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250kDa 150kDa 100kDa

e erest

75kDa

50kDa

37kDa

25kDa 20kDa

15kDa











## **SPECIFICATIONS**

Formulation Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

**Unit Size** 100 µg

Aliquot and store at -20°C. Minimize freezing and thawing.

Synonym /

**Alias** 

**Names** 

osm-9-like TRP channel 3|epithelial calcium channel 1|calcium transporter 2|OTRPC3|ECAC1|CAT2|transient receptor

potential cation channel, subfamily V, member 5|TRPV5

<strong>Immunocytochemsitry/Immunofluorescence:</strong> This antibody has been successfully used in ICC/IF

Usage on Human: Kennedy BG et al. (2010) PMID: 20405023. This antibody has been successfully used in ICC on Mouse: Summary Mariana Labarca et al. (2015) PMID: 25810438. This antibody has been successfully used in ICC on Human: Tomilin

VN et al. (2016) PMID: 26096460.

Accession

NP 062815.2 ID

**Blocking** 

EBP08515 **Peptide** 

Peptide with sequence C-SHRGWEILRQNT, from the internal region of the protein sequence according to **Immunogen** 

NP 062815.2.

**Peptide** 

C-SHRGWEILRQNT Sequence

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using

Method the immunizing peptide.

**Shipping** 

Instructions Refrigerated

**Predicted** 

Human, Mouse, Rat, Dog, Pig, Cow

**Species** Reactive

Species

Human

**Gene ID** 

56302

Human

Mouse Gene ID

194352

**Rat Gene ID** 116469

**Product** 

Grade

https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite\_plus\_medium.png

**ELISA** 

Detection

Antibody detection limit dilution 1:16000.

I imit Western

Blot

Approx 85kDa band observed in Human Pancreas lysates (calculated MW of 82.6kDa according to NP 062815.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour. This antibody has been successfully used in

WB on Human: Kennedy BG et al. (2010) PMID: 20405023.

**Application** 

Pep-ELISA, WB, ICC, IF Type





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## **SELECTED REFERENCES**

[{"pmid": 25810438, "intro": "This antibody has been successfully used in ICC on Mouse:", "title": "Harvest and primary culture of the murine aldosterone-sensitive distal nephron", "author": "Mariana Labarca, Jonathan M. Nizar, Elisabeth M. Walczak, Wuxing Dong, Alan C. Pao and Vivek Bhalla", "journal": "Am J Physiol Renal Physiol. 2015 Jun 1; 308(11)"}, {"pmid": 20405023, "intro": "This antibody has been successfully used in WB and ICC in Human:", "title": "Expression of transient receptor potential vanilloid channels TRPV5 and TRPV6 in retinal pigment epithelium.", "author": "Kennedy BG, Torabi AJ, Kurzawa R, Echtenkamp SF, Mangini NJ.", "journal": "Mol Vis. 2010 Apr 14;16:665-75."}, {"pmid": 26096460, "intro": "This antibody has been successfully used in IF in Human:", "title": "TRPV5/V6 Channels Mediate Ca(2+) Influx in Jurkat T Cells Under the Control of Extracellular pH .", "author": "Tomilin VN, Cherezova AL, Negulyaev YA, Semenova SB.", "journal": "J Cell Biochem. 2016 Jan;117(1):197-206"}]

## **GALLERY IMAGES**



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