www.everestbiotech.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

GOAT ANTI-TRPV5 ANTIBODY

SKU: EB08515


250kDa
150kDa
100kDa
75kDa
50kDa
37kDa
25kDa
20kDa
15kDa

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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
Storage Instructions	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
Usage Summary	Immunocytochemsitry/Immunofluorescence: This antibody has been successfully used in ICC/IF on Human: Kennedy BG et al. (2010) PMID: 20405023. This antibody has been successfully used in ICC on Mouse: 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 ID	NP_062815.2
Blocking Peptide	EBP08515
Immunogen	Peptide with sequence C-SHRGWEILRQNT, from the internal region of the protein sequence according to NP_062815.2.
Peptide Sequence	C-SHRGWEILRQNT
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat, Dog, Pig, Cow
Reactive Species	Human
Human Gene ID	56302
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 Limit	Antibody detection limit dilution 1:16000.
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 Type	Pep-ELISA, WB, ICC, IF

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"}]

DOCUMENTS

- Data Sheet

GALLERY IMAGES


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