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# GOAT ANTI-TRPV5 ANTIBODY

**SKU:** EB08515





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## SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage</b>	
<b>Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias / Names</b>	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
<b>Usage Summary</b>	<p>&lt;strong&gt;Immunocytochemistry/Immunofluorescence:&lt;/strong&gt; 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.</p>
<b>Accession ID</b>	NP_062815.2
<b>Blocking Peptide</b>	EBP08515
<b>Immunogen</b>	Peptide with sequence C-SHRGWEILRQNT, from the internal region of the protein sequence according to NP_062815.2.
<b>Peptide Sequence</b>	C-SHRGWEILRQNT
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat, Dog, Pig, Cow
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	56302
<b>Mouse Gene ID</b>	194352
<b>Rat Gene ID</b>	116469
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:16000.
<b>Western Blot</b>	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.
<b>Application Type</b>	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

