

Datasheet for ABIN263199

anti-TRPV5 antibody (Internal Region)**1** Image**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TRPV5
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This TRPV5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	TRPV5
Immunogen:	Peptide with sequence C-SHRGWEILRQNT, from the internal region of the protein sequence according to NP_062815.2.
Sequence:	SHRGWEILRQ NT
Isotype:	IgG
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	TRPV5
Alternative Name:	TRPV5 (TRPV5 Products)
Background:	TRPV5 , transient receptor potential cation channel, subfamily V, member 5 , CAT2, ECAC1, OTRPC3, calcium transporter 2, epithelial calcium channel 1, osm-9-like TRP channel 3
Gene ID:	56302, 194352, 116469
NCBI Accession:	NP_062815

Application Details

Application Notes:	Western Blot: Approx 85 kDa band observed in Human Pancreas lysates (calculated MW of 82.6 kDa according to NP_062815.2). Recommended concentration: 1-3 µg/mL. Primary incubation was 1 hour. This antibody has been successfully used in WB on Human: Kennedy Peptide ELISA: antibody detection limit dilution 1:16000.
Comment:	Immunocytochemistry/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: 2
Restrictions:	For Research Use only

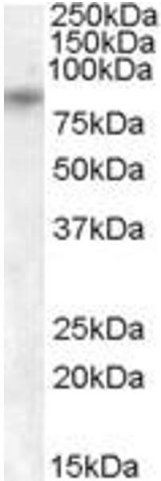
Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in: Kennedy, Torabi, Kurzawa, Echtenkamp, Mangini: "Expression of transient receptor potential vanilloid channels TRPV5 and TRPV6 in retinal pigment epithelium." in: **Molecular vision**, Vol. 16 , pp. 665-75, (2010) ([PubMed](#)).

Images



Western Blotting

Image 1. ABIN263199 (1µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.