

Datasheet for ABIN5539600

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

Overview

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

Product Details

Purpose:	TRPV5, Biotinylated
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
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Target Details

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

Application Details

Application Notes:	Western Blot: Approx 82 kDa band observed in Human Pancreas lysates (calculated MW of 82.6 kDa according to NP_062815.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3 µg/mL. Peptide ELISA: antibody detection limit dilution 1:16000.
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.



Western Blotting

Image 1. Biotinylated ABIN5539600 (2µg/ml) staining of Human Pancreas lysate (35µg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.