

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB08515-B - Goat Anti-TRPV5, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 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, subfamily V, member 5

Official Symbol: TRPV5

Accession Number(s): NP_062815.3

Human GeneID(s): 56302

Non-Human GenelD(s): 194352 (mouse), 116469 (rat)

Immunogen

Peptide with sequence C-SHRGWEILRQNT., from the internal region of the protein sequence according to NP_062815.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

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

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

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:16000.

Western blot: Approx 82kDa band observed in Human Pancreas lysates (calculated MW of 82.6kDa according to NP_062815.2). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



Biotinylated EB08515 (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.