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**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 GeneID(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 (2 μ g/ml) staining of Human Pancreas lysate (35 μ g 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.