

Goat anti-TRPV5 Antibody

Item Number	dAP-1387
Target Molecule	Principle Name: TRPV5; Official Symbol: TRPV5 ; All Names and Symbols: 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; Accession Number (s): NP_062815.2; Human Gene ID(s): 56302; Non-Human GeneID(s): 194352 (mouse) 116469 (rat)
Immunogen	SHRGWEILRQNT, is from internal region
Applications	Pep ELISA, WB, ICC, IF Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 16000.
Western Blot	Western Blot: Approx 85kDa band observed in Human Pancreas lysates (calculated MW of 82.6kDa according to NP_062815.2). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): van der Eerden BC, Hoenderop JG, de Vries TJ, Schoenmaker T, Buurman CJ, Uitterlinden AG, Pols HA, Bindels RJ, van Leeuwen JP. The epithelial Ca ²⁺ channel TRPV5 is essential for proper osteoclastic bone resorption. Proc Natl Acad Sci U S A. 2005 Nov 29;102(48):17507-12. Epub 2005 Nov

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**