

Goat anti-TRPV3 (aa762-773) Antibody

Item Number	dAP-1532
Target Molecule	Principle Name: TRPV3 (aa762-773); Official Symbol: TRPV3; All Names and Symbols: TRPV3; transient receptor potential cation channel, subfamily V, member 3; VRL3; vanilloid receptor 3; vanilloid receptor-related osmotically activated channel protein; Accession Number (s): NP_659505.1; Human Gene ID(s): 162514; Non-Human GeneID(s): 246788 (mouse) 497948 (rat)
Immunogen	NKIQDSSRNNSK, is from internal region (near C Terminus)
Applications	Pep ELISA, WB Trf 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 32000.
Western Blot	Western Blot: In transfected HEK293 transiently expressing full-length Human TRPV3 (myc and DYKDDDDK tagged), a band of approx. 90kDa was observed. No bands were observed in mock-transfected HEK293 and the same band was observed using anti-DYKDDDDK tag a
IHC	
Reference	Reference(s): Xu H, Ramsey IS, Kotecha SA, Moran MM, Chong JA, Lawson D, Ge P, Lilly J, Silos-Santiago I, Xie Y, DiStefano PS, Curtis R, Clapham DE. TRPV3 is a calcium-permeable temperature-sensitive cation channel. Nature. 2002 Jul 11;418(6894):181-6. Epub 2002 Jun 23.PMID: 12077604->

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**