

Goat anti-TPTE / PTEN2 Antibody

Item Number	dAP-0899
Target Molecule	Principle Name: TPTE / PTEN2; Official Symbol: TPTE; All Names and Symbols: TPTE; PTEN2 ; trans-membrane phosphatase with tensin homology ; tensin, putative protein-tyrosine phosphatase; Accession Number (s): NP_954870.2; NP_954868.1; NP_954869.1; Human Gene ID(s): 7179; Non-Human GeneID (s):
Immunogen	ERRTDKTHSEKFQ, is from internal region This antibody is expected to recognise all reported isoforms (NP_954870.2, NP_954868.1 and NP_954869.1). It may cross-react with the almost identical TPTE2 (GeneID 93492; NP_570141.2,
Applications	Pep ELISA, WB, IHC 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 50-55kDa band observed in Human Testis lysates (calculated MW of 60.2kDa according to NP_954869.1). Recommended concentration: 1-3µg/ml.
IHC	Immunohistochemistry: Paraffin embedded Human Adrenal Gland. Recommended concentration: 2.5µg/ml.
Reference	Reference(s): Tapparel C, Reymond A, Girardet C, Guillou L, Lyle R, Lamon C, Hutter P, Antonarakis SE. The TPTE gene family: cellular expression, subcellular localization and alternative splicing. Gene. 2003 Dec 24;323:189-99. PMID: 14659893 ->

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**