

Goat anti-TERT (aa597-611) Antibody

Item Number	dAP-2587
Target Molecule	Principle Name: TERT (aa597-611); Official Symbol: TERT; All Names and Symbols: TERT; telomerase reverse transcriptase; EST2; TCS1; TP2; TRT; hEST2; telomerase catalytic subunit; telomerase-associated protein 2; Accession Number (s): NP_937983.2; NP_001180305.1; Human Gene ID(s): 7015; Non-Human GenelD(s):
Immunogen	QLRELSEAEVRQHRE, is from internal region This antibody is expected to recognize both reported isoforms (NP_937983.2; (NP_001180305.1).
Applications	Pep ELISA, WB 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: Approx 140kDa band observed in Human Heart and Skeletal Muscle lysates (calculated MW of 127kDa according to NP_937983.2). Recommended concentration: 0.3-1µg/ml. Primary incubation was 1 hour.
IHC	
Reference	Reference(s): Qi DL, Ohhira T, Fujisaki C, Inoue T, Ohta T, Osaki M, Ohshiro E, Seko T, Aoki S, Oshimura M, Kugoh H. Identification of PITX1 as a TERT suppressor gene located on human chromosome 5. Mol Cell Biol. 2011 Apr;31(8):1624-36..PMID: 21300782->

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 end users! This product is sold for **Research Use Only**