

## Goat anti-TERF1 / TRF1 Antibody

<b>Item Number</b>	dAP-3095
<b>Target Molecule</b>	Principle Name: TERF1 / TRF1; Official Symbol: TERF1; All Names and Symbols: TERF1; telomeric repeat binding factor (NIMA-interacting) 1; FLJ41416; PIN2; TRBF1; TRF; TRF1; hTRF1-AS; t-TRF1; telomeric repeat binding factor 1; telomeric repeat binding protein 1; Accession Number (s): NP_059523.2; Human Gene ID(s): 7013; Non-Human GeneID(s):
<b>Immunogen</b>	NLDTRKSVSDKQS, is from internal region This antibody is expected to recognize isoform 1 (NP_059523.2).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	Western Blot: Approx 65kDa band observed in Human Testis lysates (calculated MW of 50.2kDa according to NP_059523.2). The observed aberrant MW may be explained by the acetylated form of the protein. Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Wu ZQ, Yang X, Weber G, Liu X. Plk1 phosphorylation of TRF1 is essential for its binding to telomeres. J Biol Chem. 2008 Sep 12;283(37):25503-13. PMID: 18625707->

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**