

Goat anti-TCP1 Antibody

Item Number	dAP-0315
Target Molecule	Principle Name: TCP1; Official Symbol: TCP1; All Names and Symbols: TCP1; t-complex 1; CCT-alpha; CCT1; CCTa; D6S230E; TCP-1-alpha; T-complex protein 1; T-complex protein 1, alpha subunit; tailless complex polypeptide 1; Accession Number (s): NP_110379.2; NP_001008897.1; Human Gene ID(s): 6950; Non-Human GeneID(s):
Immunogen	SYEDAVHSGALND, is from C Terminus This antibody is expected to recognise both reported isoforms.
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 32000.
Western Blot	Western Blot: Approx 60kDa band observed in Human Lung and Human Testis lysates (predicted MW of 60kDa according to NP_110379.2). Recommended for use at 0.5-2µg/ml. Primary incubated for 1 hour.
IHC	Immunohistochemistry: In paraffin embedded Human Testis shows only cytoplasmic staining in some germ cells, and both cytoplasmic and nuclear staining in other germ cells with unstained nucleoli. Recommended concentration: 1-2µg/ml.
Reference	Reference(s): Yaffe MB, Farr GW, Miklos D, Horwitz AL, Sternlicht ML, Sternlicht H. TCP1 complex is a molecular chaperone in tubulin biogenesis. <i>Nature</i> . 1992 Jul 16;358(6383):245-8. PMID: 1630491 ->

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**