

Goat anti-TPD52 Antibody

Item Number	dAP-1165
Target Molecule	Principle Name: TPD52; Official Symbol: TPD52; All Names and Symbols: TPD52; tumor protein D52; D52; N8L; PC-1; PrLZ; hD52; PC1/MRPS28 fusion protein; prostate and colon associated protein; Accession Number (s): NP_001020423.1 ; NP_001020424.1; NP_005070.1; Human Gene ID(s): 7163; Non-Human GenelD(s):
Immunogen	TEPLPEKTQES, is from C Terminus This antibody is expected to recognise all three reported isoforms (NP_001020423.1, NP_001020424.1 and NP_005070.1).
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 8000.
Western Blot	Western Blot: Approx 26-28kDa band observed in Human Lymph Node and Human Kidney lysates (calculated MW of 24.3kDa according to NP_001020423.1). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Tiacc
IHC	Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 3.75µg/ml.
Reference	Reference(s): Byrne JA, Balleine RL, Schoenberg Fejzo M, Mercieca J, Chiew YE, Livnat Y, St Heaps L, Peters GB, Byth K, Karlan BY, Slamon DJ, Harnett P, Defazio A. Tumor protein D52 (TPD52) is overexpressed and a gene amplification target in ovarian cancer. Int J Cancer. 2005 Dec 20;117(6):1049-

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**