

Goat anti-TPD52L1 / D53 Antibody

Item Number dAP-1164

Target Molecule Principle Name: TPD52L1 / D53; Official Symbol: TPD52L1; All Names and Symbols: TPD52L1; hD53; tumor protein D52-like 1; D53; MGC8556; TPD52L2; tumor protein D52-like 2; tumor protein D53; Accession Number (s): NP_003278.1; NP_001003395.1 ; NP_001003396.1; NP_001003397.1; Human Gene ID (s): 7164; Non-Human GeneID(s):

Immunogen EPLQGTDEDVASAD, is from internal region
This antibody is expected to recognise isoforms 1, 3 and 4 (NP_003278.1, NP_001003396.1 and NP_001003397.1 resp.).

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 8000.

Western Blot Western Blot: Approx 26kDa band observed in Human Breast cancer lysates (calculated MW of 22.5kDa according to NP_003278.1). Recommended concentration: 0.1-0.3µg/ml. See also our D52 and D54 products.

IHC

Reference Reference(s): Boutros R, Bailey AM, Wilson SH, Byrne JA. Alternative splicing as a mechanism for regulating 14-3-3 binding: interactions between hD53 (TPD52L1) and 14-3-3 proteins. *J Mol Biol.* 2003 Sep 19;332(3):675-87.. PMID: 12963375 ->

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**