

Goat anti-PAPD5 (aa78-90) Antibody

Item Number	dAP-2417
Target Molecule	Principle Name: PAPD5 (aa78-90); Official Symbol: PAPD5; All Names and Symbols: PAPD5; PAP associated domain containing 5; FLJ40270; TRF4-2; PAP-associated domain-containing protein 5; TUTase 3; terminal uridylyltransferase 3; topoisomerase-related function protein 4-2; Accession Number (s): NP_001035374.2; NP_001035375.2; Human Gene ID(s): 64282; Non-Human GeneID(s): 214627 (mouse)
Immunogen	HALPAEQRDFLP, is from internal region This antibody is expected to recognize both reported isoforms (NP_001035374.2; NP_001035375.2).
Applications	Pep ELISA, WB Species Tested: Human, Mouse
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 64000.
Western Blot	Western Blot: Approx 75-80kDa band observed in Human and Mouse Brain lysates (calculated MW of 75.8kDa according to Human NP_001035374.2 and 74.2kDa according to Mouse NP_001157969.1). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Walowsky C, Fitzhugh DJ, Castaño IB, Ju JY, Levin NA, Christman MF. The topoisomerase-related function gene TRF4 affects cellular sensitivity to the antitumor agent camptothecin. J Biol Chem. 1999 Mar 12;274(11):7302-8.. PMID: 10066793->

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**