



## Goat anti-PAPD5 (aa497-510) Antibody

<b>Item Number</b>	dAP-2385
<b>Target Molecule</b>	Principle Name: PAPD5 (aa497-510); 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) 307745 (rat)
<b>Immunogen</b>	TDEVATYRDWISKQ, is from internal region This antibody is expected to recognize both reported isoforms (NP_001035374.2; NP_001035375.2).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Mouse, Rat
<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 70kDa band observed in Mouse and Rat Spleen lysates (calculated MW of 69.4kDa according to Mouse NP_001157971.1. Recommended concentration: 0.2-0.6µg/ml.
<b>IHC</b>	
<b>Reference</b>	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 ender users! This product is sold for **Research Use Only**