

## Goat anti-TDP1 Antibody

<b>Item Number</b>	dAP-3109
<b>Target Molecule</b>	Principle Name: TDP1; Official Symbol: TDP1; All Names and Symbols: TDP1; tyrosyl-DNA phosphodiesterase 1; FLJ11090; MGC104252; Accession Number (s): NP_060789.2; Human Gene ID(s): 55775; Non-Human GeneID(s):
<b>Immunogen</b>	PNDGTAQRTEHNG, is from internal region Reported variants represent identical protein: NP_001008744.1, NP_060789.2
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<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 8000.
<b>Western Blot</b>	Western Blot: Approx 75kDa band observed in nuclear lysates of cell line Jurkat (calculated MW of 68.4kDa according to NP_060789.2). Recommended concentration: 1-3µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Antony S, Marchand C, Stephen AG, Thibaut L, Agama KK, Fisher RJ, Pommier Y Novel high-throughput electrochemiluminescent assay for identification of human tyrosyl-DNA phosphodiesterase (Tdp1) inhibitors and characterization of furamidine (NSC 305831) as an inhibitor of Tdp1 Nucleic Acids

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**