

Goat anti-POLDIP2 Antibody

Item Number	dAP-2432
Target Molecule	Principle Name: POLDIP2; Official Symbol: POLDIP2; All Names and Symbols: POLDIP2; polymerase (DNA-directed), delta interacting protein 2; DKFZp586F1524; PDIP38; POLD4; 38 kDa DNA polymerase delta interaction protein; p38; polymerase delta interacting protein 38; polymerase delta-interacting protein 2; Accession Number (s): NP_056399.1; Human Gene ID(s): 26073; Non-Human GeneID(s): 67811 (mouse)
Immunogen	RFERPDGSHFDVR, is from internal region (near C terminus)
Applications	Pep ELISA, WB Species Tested: Rat
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 32000.
Western Blot	Western Blot: Approx 37kDa band observed in Rat Vascular Smooth Muscle Cells lysates (calculated MW of 15.2kDa according to Rat NP_001099286.1). The band diminished upon siRNA knock down. Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Grinchuk OV, Motakis E, Kuznetsov VA, Complex sense-antisense architecture of TNFAIP1/POLDIP2 on 17q11.2 represents a novel transcriptional structural-functional gene module involved in breast cancer progression. BMC genomics 2010 11 Suppl 1 : S9..PMID: 20158880->

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**