

Goat anti-PDE4B Antibody

Item Number	dAP-2603
Target Molecule	Principle Name: PDE4B; Official Symbol: PDE4B; All Names and Symbols: PDE4B; phosphodiesterase 4B, cAMP-specific (phosphodiesterase E4 dunce homolog, Drosophila); DPDE4; PDEIVB; Phosphodiesterase-4B, cAMP-specific (dunce (Drosophila)-homolog; phosphodiesterase 4B, cAMP-specific (dunce (Drosophila)-homolog phosphodiesterase ; Accession Number (s): NP_002591.2; NP_001032416.1; NP_001032417.1; Human Gene ID(s): 5142; Non-Human GeneID(s): 18578 (mouse)
Immunogen	IDIATEDKSPVDT, is from C Terminus This antibody is expected to recognize all reported isoforms (NP_002591.2; NP_001032416.1; NP_001032417.1).
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 32000.
Western Blot	Western Blot: Approx 98kDa band observed in Human Uterus lysates (calculated MW of 83.3kDa according to NP_002591.2). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Méhats et al, Endocrinology. 1999
IHC	
Reference	Reference(s): Kim SW, Rai D, Aguiar RC. Gene set enrichment analysis unveils the mechanism for the phosphodiesterase 4B control of glucocorticoid response in B-cell lymphoma. Clin Cancer Res. 2011 Nov 1;17(21):6723-32..PMID: 21742807->

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**