

Goat anti-PDE4D3 Antibody

Item Number	dAP-1022
Target Molecule	Principle Name: PDE4D3; Official Symbol: PDE4D; All Names and Symbols: PDE4D3; phosphodiesterase 4D3;; Accession Number (s): NP_006194.2; Human Gene ID(s): 5144; Non-Human GeneID(s): 24627 (mouse)
Immunogen	HVNNFPFRRHS, is from N Terminus This antibody is expected to recognize isoform 3 (NP_006194.2) only.
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 128000.
Western Blot	Western Blot: Approx 75kDa band observed in Rat Brain lysates (calculated MW of 76.5kDa according to human NP_006194.2). Recommended concentration: 0.01-0.03µg/ml.
IHC	
Reference	Reference(s): Houslay, M.D., Baillie, G.S. and Maurice, D.H. cAMP-Specific phosphodiesterase-4 enzymes in the cardiovascular system: a molecular toolbox for generating compartmentalized cAMP signaling. Circ Res. 2007 Apr 13;100(7):950-66.

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**