

## Goat anti-CDK9 Antibody

<b>Item Number</b>	dAP-3470
<b>Target Molecule</b>	Principle Name: CDK9; Official Symbol: CDK9; All Names and Symbols: CDK9; cyclin-dependent kinase 9; C-2k; CDC2L4; CTK1; PITALRE; TAK; CDC2-related kinase; cell division cycle 2-like protein kinase 4; cell division protein kinase 9; serine/threonine protein kinase PITALRE; tat-associated kinase complex catalytic subunit; Accession Number (s): NP_001252.1; Human Gene ID(s): 1025; Non-Human GeneID(s): 107951 (mouse) 362110 (rat)
<b>Immunogen</b>	KGSQITQQSTNQSRN, is from C Terminus
<b>Applications</b>	Pep ELISA, WB Species Tested: Mouse
<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 40-45kDa band observed in nuclear cell lysates of NIH3T3 (calculated MW of 42.8kDa according to Mouse NP_570930.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Yin T, Lallena MJ, Kreklau EL, Fales KR, Carballares S, Torres R, Wishart GN, Ajamie RT, Cronier DM, Iversen PW, Meier TI, Foreman RT, Zeckner D, Sissons SE, Halstead BW, Lin AB, Donoho GP, Qian Y, Li S, Wu S, Aggarwal A, Ye XS, Starling JJ, Gaynor RB, d A novel CDK9 inhibitor shows po-

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**