



## Goat anti-CDK7 (aa47-58) Antibody

<b>Item Number</b>	dAP-3244
<b>Target Molecule</b>	Principle Name: CDK7 (aa47-58); Official Symbol: CDK7; All Names and Symbols: CDK7; cyclin-dependent kinase 7; CAK1; CDKN7; HCAK; MO15; STK1; p39MO15; 39 KDa protein kinase; CAK; CDK-activating kinase 1; TFIIH basal transcription factor complex kinase subunit; cell division protein kinase 7; cyclin-dependent kinase 7 (MO15 homolog,; Accession Number (s): NP_001790.1; Human Gene ID(s): 1022; Non-Human GeneID(s): 12572 (mouse) 171150 (rat)
<b>Immunogen</b>	HRSEAKDGINRT, is from internal region
<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 128000.
<b>Western Blot</b>	Western Blot: Approx 40kDa band observed in lysates of cell line Jurkat (calculated MW of 39.0kDa according to NP_001790.1). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Bochar DA, Pan ZQ, Knights R, Fisher RP, Shilatifard A, Shiekhattar R. Inhibition of transcription by the trimeric cyclin-dependent kinase 7 complex. The Journal of biological chemistry 1999 May 274 (19): 13162-6..PMID: 10224071->

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**