

## Goat anti-CHEK1 Antibody

Item Number	dAP-2952
Target Molecule	Principle Name: CHEK1; Official Symbol: CHEK1 ; All Names and Symbols: CHEK1 ; CHK1 checkpoint homolog (S. pombe) ; CHK1; CHK1 checkpoint homolog ; Checkpoint, S. pombe, homolog of, 1; Accession Number (s): NP_001265.1; Human Gene ID(s): 1111; Non-Human GeneID(s):
Immunogen	DQPSSDSCQEYSD, is from internal region
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 50kDa band observed in Rat Thymus lysates (calculated MW of 54.4kDa according to Rat NP_536325.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Kim MA, Kim HJ, Brown AL, Lee MY, Bae YS, Park JI, Kwak JY, Chung JH, Yun J. Identification of novel substrates for human checkpoint kinase Chk1 and Chk2 through genome-wide screening using a consensus Chk phosphorylation motif. <i>Exp Mol Med</i> . 2007 Apr 30;39(2):205-12.. PMID: 17464182 ->

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 end users! This product is sold for **Research Use Only**