



## Goat anti-Casein Kinase 1, delta Antibody

<b>Item Number</b>	dAP-0847
<b>Target Molecule</b>	Principle Name: Casein Kinase 1, delta; Official Symbol: CSNK1D; All Names and Symbols: casein kinase 1, delta; HGNC:2452; CSNK1D; HCKID; CKIdelta; Accession Number (s): NP_001884.2; NP_620693.1; Human Gene ID(s): 1453; Non-Human GeneID(s): 104318 (mouse) 64462 (rat)
<b>Immunogen</b>	DREERLRHSRNPATR, is from internal region This antibody is expected to recognise both reported isoforms (NP_001884.2 and NP_620693.1)
<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 64000.
<b>Western Blot</b>	Western Blot: Approx 48kDa band observed in lysates of cell line HEK 293 (calculated MW of 47.3kDa according to NP_001884.2). Recommended concentration: 0.3-1µg/ml.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Xu Y, Padiath QS, Shapiro RE, Jones CR, Wu SC, Saigoh N, Saigoh K, Ptacek LJ, Fu YH. Functional consequences of a CKIdelta mutation causing familial advanced sleep phase syndrome. Nature. 2005 Mar 31;434(7033):640-4..PMID: 15800623->

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**