



Goat anti-CAMK1D Antibody

Item Number	dAP-1734
Target Molecule	Principle Name: CAMK1D; Official Symbol: CAMK1D; All Names and Symbols: CAMK1D; calcium/calmodulin-dependent protein kinase; RP11-462F15.1; CKLIK; CaM-K1; CaMKID; CaM kinase ID; CamKI-like protein kinase; OTTHUMP00000019119; OTTHUMP00000019120; OTTHUMP00000045030; Accession Number (s): NP_065130.1; Human Gene ID(s): 57118; Non-Human GeneID(s):
Immunogen	ASQKDCAYVAKPES, is from C Terminus This antibody is expected to recognize reported isoform 1 (NP_065130.1).
Applications	Pep ELISA, WB Species Tested: Human
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 4000.
Western Blot	Western Blot: Approx. 40kDa band observed in Human Liver lysates (calculated MW of 40.2kDa according to NP_065130.1). Recommended concentration: 1-3µg/ml.
IHC	
Reference	Reference(s): Grarup N, Andersen G, Krarup NT, Albrechtsen A, Schmitz O, Jørgensen T, Borch-Johnsen K, Hansen T, Pedersen O. Association testing of novel type 2 diabetes risk alleles in the JAZF1, CDC123/CAMK1D, TSPAN8, THADA, ADAMTS9, and NOTCH2 loci with insulin release, insulin sensitivity, and

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**