

## CAM Kinase 1D Antibody

*CAMK1D*, calcium/calmodulin-dependent protein kinase, *RP11-462F15.1*, *CKLiK*, *CaM-K1*, *CaMKID*, *CaM kinase ID*, *CamKI-like protein kinase*, *OTTHUMP00000019119*, *OTTHUMP00000019120*, *OTTHUMP00000045030*

**CATALOG NO.: 46-925**

**HOST:**

Goat

**CLONALITY:**

Polyclonal

**INFORMATION:**

CAM Kinase 1D Antibody. This antibody is expected to recognize reported isoform 1 (NP\_065130.1).

**SOURCE:**

Antibody was raised against a synthetic peptide of CAM Kinase 1D.

**PROTEIN ACCESSION NUMBER(S) :**

NP\_065130.1

**SPECIES REACTIVITY:**

H

**TESTED APPLICATION:**

E, WB

**APPLICATION:**

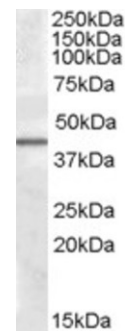
Peptide ELISA: antibody detection limit dilution 1:4,000.  
Western Blot: Approx. 40kDa band observed in Human Liver lysates (calculated MW of 40.2kDa according to NP\_065130.1). Recommended concentration: 1-3µg/ml.

**PURIFICATION:**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

**BUFFER:**

0.1mg of purified antibody, 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of CAM Kinase 1D in human liver lysate (35µg protein in RIPA buffer) using CAM Kinase 1D antibody (0.5µg/ml).

**STORAGE:**

Aliquot and store at -20°C. Minimize freezing and thawing.

**REFERENCE:**

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 obesity in a population-based sample of 4,516 glucose-tolerant middle-aged Danes. *Diabetes* 2008 Sep 57 (9): 2534-40.

**USER NOTES:**

When working with antibodies optimal dilutions and concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.