

#### **International Office**

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# EB13048 - Goat Anti-CDK9 Antibody

Size: 100µg specific antibody in 200µl



### **Target Protein**

**Principal Names:** CDK9, cyclin-dependent kinase 9, C-2k, CDC2L4;, CTK1, PITALRE, TAK, CDC2-related kinase;, cell division cycle 2-like protein kinase 4, cell division protein kinase 9;, serine/threonine protein kinase PITALRE, tat-associated kinase complex

catalytic subunit

Official Symbol: CDK9

Accession Number(s): NP\_001252.1

Human GeneID(s): 1025

Non-Human GenelD(s): 107951 (mouse), 362110 (rat)

## Immunogen

Peptide with sequence C-KGSQITQQSTNQSRN, from the C Terminus of the protein sequence according to NP\_001252.1.

Please note the peptide is available for sale.

### **Purification and Storage**

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

Supplied at 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.

## **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:8000.

**Western blot:** Approx 40-45kDa band observed in nuclear cell lysates of NIH3T3 (calculated MW of 42.8kDa according to Mouse NP\_570930.1). Recommended concentration:  $0.3-1\mu g/ml$ .

# **Species Reactivity**

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB13048 (0.5μg/ml) staining of NIH3T3 nuclear lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.