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**Research Use Only. Not for
diagnostic or therapeutic use.**

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 GeneID(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: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

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



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