

#### **International Office**

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# EB08452 - Goat Anti-CHEK1 Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

Principal Names: CHEK1, CHK1 checkpoint homolog (S. pombe), CHK1, CHK1

checkpoint homolog, Checkpoint, S. pombe, homolog of, 1

Official Symbol: CHEK1

Accession Number(s): NP\_001265.1

Human GeneID(s): 1111

#### **Immunogen**

Peptide with sequence DQPSDSCQEYSD, from the internal region of the protein sequence according to NP\_001265.1.

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 1:32000.

**Western blot:** Approx 50kDa band observed in Rat Thymus lysates (calculated MW of 54.4kDa according to Rat NP\_536325.1). Recommended concentration: 1-3µg/ml.

### **Species Reactivity**

Tested: Rat

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

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

EB08452 ( $2\mu g/ml$ ) staining of Rat Thymus lysate ( $35\mu g$  protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.