

CDK8 Rabbit mAb

Catalog No.: A23765 **Recombinant**

Basic Information

Observed MW

53kDa

Calculated MW

53kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

CloneNo number

ARC59311

Background

This gene encodes a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are known to be important regulators of cell cycle progression. This kinase and its regulatory subunit, cyclin C, are components of the Mediator transcriptional regulatory complex, involved in both transcriptional activation and repression by phosphorylation of the carboxy-terminal domain of the largest subunit of RNA polymerase II. This kinase regulates transcription by targeting the cyclin-dependent kinase 7 subunits of the general transcription initiation factor IIH, thus providing a link between the Mediator complex and the basal transcription machinery. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants.

Recommended Dilutions

WB 1:1000 - 1:5000

Immunogen Information

Gene ID

1024

Swiss Prot

P49336

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 364-464 of human CDK8. (NP_001251.1).

Synonyms

CDK8; K35; cyclin-dependent kinase 8

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

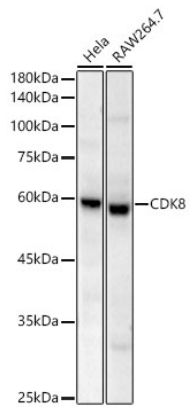
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of various lysates, using CDK8 Rabbit mAb (A23765) at 1:2000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.