

A5548

Leader in Biomolecular Solutions for Life Science



[KO Validated] CDK8 Rabbit pAb

Catalog No.: A5548

KO Validated

1 Publications

Basic Information

Observed MW

56kDa

Calculated MW

53kDa

Category

Polyclonal Antibody

Applications

WB,IP,ELISA

Cross-Reactivity

Human,Mouse,Rat

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 1:500 - 1:2000

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

Immunogen Information

Gene ID

1024

Swiss Prot

P49336

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 365-464 of human CDK8 (NP_001251.1).

Synonyms

K35; IDHBA; K8

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

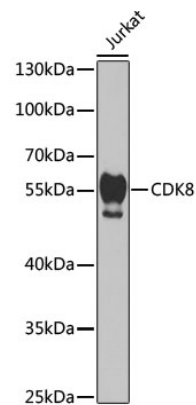
Affinity purification

Storage

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

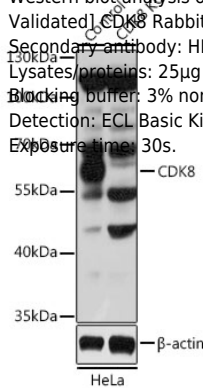
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Jurkat cells, using [KO Validated] CDK8 Rabbit pAb (A5548) at 1:1000 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.

Western blot analysis of lysates from wild type (WT) and CDK8 knockout (KO) HeLa cells, using [KO Validated] CDK8 Rabbit pAb (A5548) at 1:1000 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: 30s.



Immunoprecipitation analysis of 200 µg extracts of Jurkat cells, using 3 µg CDK8 antibody (A5548).
Western blot was performed from the immunoprecipitate using CDK8 antibody (A5548) at a dilution of 1:1000.

