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CDK8 antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI16184

Specification

CDK8 antibody - C-terminal region - Product Information

Application	**WB**
Primary Accession	P49336
Other Accession	NM_001260, NP_001251
Reactivity	**Human, Mouse, Rabbit, Pig, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rabbit, Pig, Chicken, Horse, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**53kDa KDa**

CDK8 antibody - C-terminal region - Additional Information

Gene ID 1024

Alias Symbol	**K35**

Other Names
Cyclin-dependent kinase 8, 2.7.11.22, 2.7.11.23, Cell division protein kinase 8, Mediator complex subunit CDK8, Mediator of RNA polymerase II transcription subunit CDK8, Protein kinase K35, CDK8

Format
Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage
Add 100 ul of distilled water. Final anti-CDK8 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions
CDK8 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CDK8 antibody - C-terminal region - Protein Information

Name CDK8

Function
Component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene- specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional pre-initiation complex with RNA polymerase II and the general transcription factors. Phosphorylates the CTD (C- terminal domain) of the large

subunit of RNA polymerase II (RNAp II), which may inhibit the formation of a transcription initiation complex. Phosphorylates CCNH leading to down-regulation of the TFIIH complex and transcriptional repression. Recruited through interaction with MAML1 to hyperphosphorylate the intracellular domain of NOTCH, leading to its degradation.

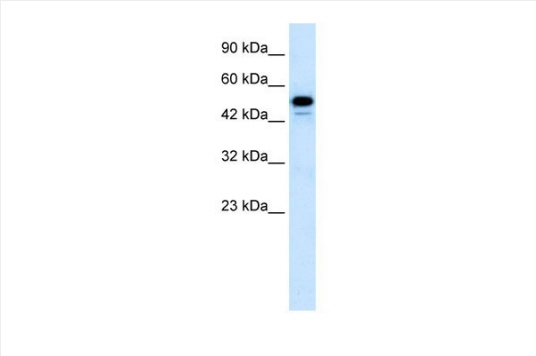
Cellular Location
Nucleus.

CDK8 antibody - C-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CDK8 antibody - C-terminal region - Images



WB Suggested Anti-CDK8 Antibody Titration: 1.25µg/ml
ELISA Titer: 1:12500
Positive Control: HepG2 cell lysate

CDK8 antibody - C-terminal region - Background

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CDK8 antibody - C-terminal region - References

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