

Rabbit anti-Human, Mouse Cdk8 Polyclonal Antibody | anti-CDK8 antibody

Cdk8 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA294457	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

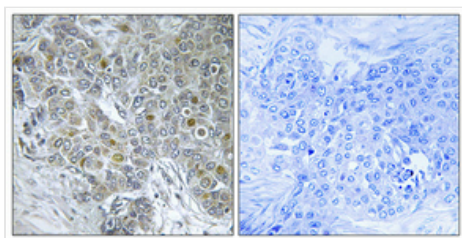
PRODUCT SYNONYMS

Cdk8; Polyclonal Antibody; Cdk8 Polyclonal Antibody; CDK8; Cyclin-dependent kinase 8; Cell division protein kinase 8; Mediator complex subunit CDK8; Mediator of RNA polymerase II transcription subunit CDK8; Protein kinase K35; anti-CDK8 antibody

PRODUCT SPECIFICATIONS

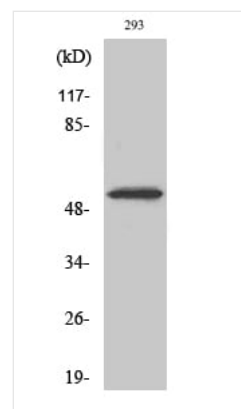
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Applicable Applications for anti-CDK8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-CDK8 antibody

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 preinitiation 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 TFIID complex and transcriptional repression. Recruited through interaction with MAML1 to hyperphosphorylate the intracellular domain of NOTCH, leading to its degradation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502745
NCBI GeneID	1024
NCBI Accession #	NP_001251.1
NCBI GenBank Nucleotide #	NM_001260.1
UniProt Accession #	P49336; Q5VUF3; Q6ISB5
Molecular Weight	53,284 Da
NCBI Official Full Name	cyclin-dependent kinase 8
NCBI Official Synonym Full Names	cyclin-dependent kinase 8
NCBI Official Symbol	CDK8
NCBI Official Synonym Symbols	K35
NCBI Protein Information	cyclin-dependent kinase 8; protein kinase K35; CDK8 protein kinase; mediator complex subunit CDK8; cell division protein kinase 8; mediator of RNA polymerase II transcription subunit CDK8
UniProt Protein Name	Cyclin-dependent kinase 8
UniProt Gene Name	CDK8
UniProt Entry Name	CDK8_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cdk8-antibody-immunohistochemistry-western-blot-elisa/294457>