Product Name: CDK8 (2S1) Rabbit Monoclonal Antibody
Catalog #: AMRe08572

Summary

Production Name	CDK8 (2S1) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal Antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
Purification	Affinity purification

Immunogen

Gene Name	CDK8
Alternative Names	CDK8 protein kinase; Cell division protein kinase 8; Cyclin Dependent kinase 8; K35; Mediator complex subunit cdk8; Mediator of RNA polymerase II transcription subunit cdk8; Protein kinase K35;
Gene ID	1024.0
SwissProt ID	P49336.Recombinant protein of human Cdk8

Application

Dilution Ratio	WB: 1:1000
Molecular Weight	53kDa

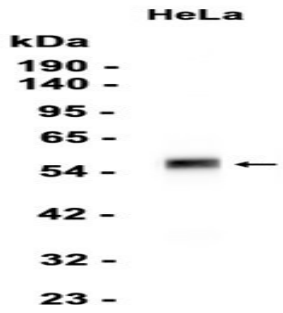
Product Name: CDK8 (2S1) Rabbit Monoclonal Antibody
Catalog #: AMRe08572

Background

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. 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.

Research Area

Image Data



Western blot analysis of extracts from HeLa cells using RM4790 at 1:1000.

Note

For research use only.