

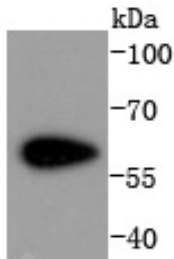
Anti-CDK8 Antibody (6K906)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 53 kDa.
Clone:	6K906
Purification:	ProA affinity purified

Applications

Verified Activity: 1. Western blot analysis of Cdk8 on NIH/3T3 cells lysates using anti-Cdk8 antibody at 1/1,000 dilution.



Application:	IP,WB
Recommended	WB: 1:1000-2000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	P49336
Synonyms:	K35;Protein kinase K35;Mediator complex subunit cdk8;CDK8 protein kinase;CDK8_HUMAN; Cyclin Dependent kinase 8;Cell Division Kinase 8;Cyclin-dependent kinase 8;cdk 8;Cell division protein kinase 8;Mediator of RNA polymerase II transcription subunit cdk8

Research Background

Cell cycle progression is controlled in part by a family of cyclin proteins and cyclin dependent kinases (Cdks). Cdk proteins work in concert with the cyclins to phosphorylate key substrates involved in each phase of cell cycle progression. Another family of proteins, Cdk inhibitors, also plays a role in regulating cell cycle by binding to cyclin-Cdk complexes and modulating their activity. Several Cdk proteins have been identified, including Cdk2-Cdk8, PCTAIRE-1/3, PITALRE and PITSLRE. Large complexes containing Cdk8, cyclin C and the large subunit of RNA polymerase II have been identified. Cdk8 is thought to regulate RNA polymerase II function in conjunction with cyclin C. Cdk8 has been demonstrated to function as a transcriptional activator when fused to the DNA binding domain of

GAL4.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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