

Catalog Number	A9654
Synonyms	K35; IDDHBA; CDK8
Reactivity	Mouse,Rat
Tested applications	ELISA,WB
Host species	Rabbit
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.
Gene Id	1024
Isotype	IgG
Purity	Affinity purification
Swiss Prot	P49336
Recommended dilution	WB,1:500 - 1:1000
CALCULATED MW	53kDa
OBSERVED MW	55kDa
IMMUNOGEN	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human CDK8 (P49336).
POSITIVE SAMPLES	Mouse brain,Rat liver,Rat brain
CELLULAR LOCALIZATION	Nucleus
STORAGE BUFFER	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

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