

CDK7

Reactivity:Human Rat

Tested applications:WB IHC IP

Recommended Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200 IP1:20 - 1:50

Calculated MW:39kDa

Observed MW:Refer to figures

Immunogen:

Recombinant protein of human CDK7

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

e

Synonym:

CAK1; HCAK; MO15; STK1; CDKN7; p39MO15;

Catalog #:A6806

Antibody Type:

Monoclonal Antibody

Species:Mouse

Gene ID:1022

Isotype:IgG

Swiss Prot:P50613

Purity:Affinity purification

For research use only.

Background:

The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* *cdc28*, and *Schizosaccharomyces pombe* *cdc2*, and are known to be important regulators of cell cycle progression. This protein forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). It is an essential component of the transcription factor TFIIF, that is involved in transcription initiation and DNA repair. This protein is thought to serve as a direct link between the regulation of transcription and the cell cycle.

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