

CDK7

Reactivity: Human Rat

Tested applications: WB IHC IP

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