

Product Datasheet

CDK7 Antibody

Catalog No: CY5820

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB



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Information

UniProt ID: P50613

All Names: Cyclin-dependent kinase 7; 39 kDa protein kinase; p39 Mo15; CDK-activating kinase 1; Cell division protein kinase 7; Serine/threonine-protein kinase 1; TFIIH basal transcription factor complex kinase subunit; CDK7; CAK; CAK1; CDKN7; MO15; STK1;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

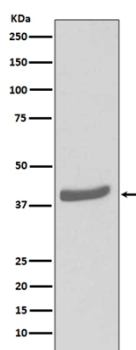
Molecular Wt.: 39 kDa

Application

WB 1:1000~1:2000

Background

CDK-activating kinase (CAK) is a complex of CDK7 and cyclin H. The complex is involved in cell cycle regulation by phosphorylating an activating residue in the T-loop domain of cdk. Regulation of CAK activity is mediated by T-loop phosphorylation and by association with MAT1, both of which enhance its kinase activity toward the CTD of RNA polymerase II and other substrates such as p53.



Western blot analysis of CDK7 expression in MCF-7 cell lysate.

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