

Cdk7 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP01638 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human CDK7. AA range:291-340 |
| Mol wt | 39038 |
| Species reactivity | Human, Mouse |
| Clonality | Polyclonal |
| Recommended application | WB, IHC-p, ELISA |
| Concentration | 1 mg/ml |
| Full name | Cdk7 Antibody |
| Synonyms | CDK7; CAK; CAK1; CDKN7; MO15; STK1; 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 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Cyclin dependent kinase 7 encoded by CDK7 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 TFIIH, 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.

Recommended Dilution

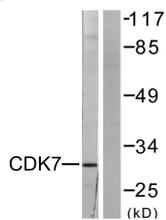
WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

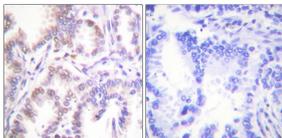
ELISA: 1: 20000

Not yet tested in other applications.

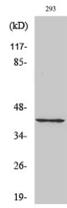
Images



Western blot analysis of lysates from 293 cells, using CDK7 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CDK7 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using Cdk7 Polyclonal Antibody

Storage

-20°C for one year

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