

Product Datasheet

CDK7 Antibody

Catalog No: CY1279

Reactivity: Human Mouse

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P50613

All Names: CAK; CAK1; CDK-activating kinase; CDK7; CDKN7; Cell division protein kinase 7; cyclin-dependent kinase 7; cyclin-dependent kinase 7 (MO15 homolog, Xenopus laevis, cdk-activating kinase); homolog of Xenopus MO15 Cdk-activating kinase; kinase subunit of CAK

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 derived from human CDK7

Molecular Wt.: 39 kDa

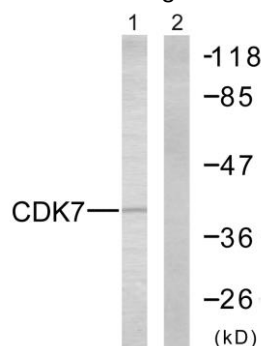
Application

WB 1:500~1:3000

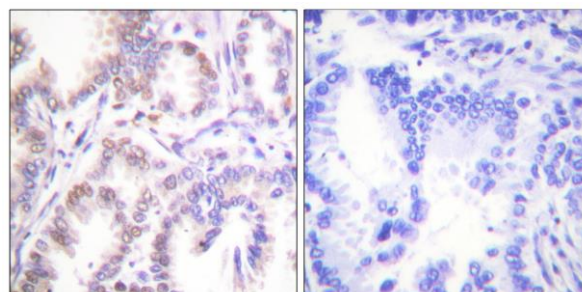
IHC 1:50~1:200

Background

CDK7 a protein kinase of the CDK family. Forms a trimeric complex with cyclin H and MAT1, which functions as a Cdk-activating kinase (CAK). Activates the cyclin-associated kinases CDK1, -2, -4 and -6. An essential component of the transcription factor TFIIH, that is involved in transcription initiation and DNA repair. Serves as a direct link between the regulation of transcription and the cell cycle.



Western blot analysis of extracts from 293 cells, using CDK7 antibody.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using CDK7 antibody.

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