

Anti-CDK7 antibody

Cat. No.	ml220401
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CDK7 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human CDK7
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CDK7
Full name	cyclin-dependent kinase 7

Synonyms CAK1, HCAK, MO15, STK1, CDKN7, p39MO15

Swissprot P50613

Target 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.

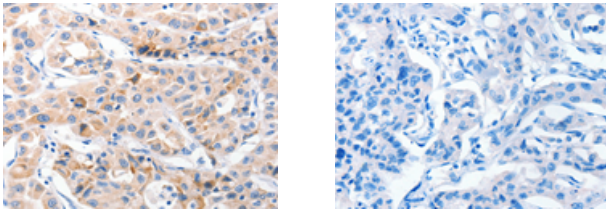
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human lung cancer

Recommended dilution: 15-50



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml220401(CDK7 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 39 kDa

Positive control: A549 cells

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 10%SDS-PAGE

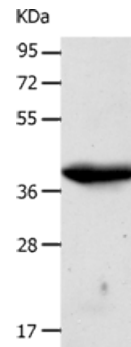
Lysate: 60 μ g

Lane: A549 cells

Primary antibody: ml220401(CDK7 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 1000-5000

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