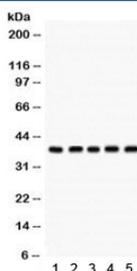


Cdk7 Antibody (R32121)

Catalog No.	Formulation	Size
R32121	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	P50613
Applications	Western Blot : 0.1-0.5ug/ml
Limitations	This Cdk7 antibody is available for research use only.



Western blot testing of human 1) MCF7, 2) HeLa, 3) A549, 4) HepG2 and 293 cell lysate with Cdk7 antibody. Predicted/observed molecular weight ~37 kDa.

Description

Cyclin-dependent kinase 7, also known as cell division protein kinase 7, is an enzyme that in humans is encoded by the CDK7 gene. The protein encoded by this gene is a member of the cyclin-dependent protein kinase (CDK) family. The gene was assigned to human chromosome 5q13.2. Serine/threonine kinase involved in cell cycle control and in RNA polymerase II-mediated RNA transcription. CDK7 is the catalytic subunit of the CDK-activating kinase (CAK) complex. It is required for DNA-bound peptides-mediated transcription and cellular growth inhibition.

Application Notes

Optimal dilution of the Cdk7 antibody should be determined by the researcher.

Immunogen

Amino acids 31-346 of human Cdk7 were used as the immunogen for the Cdk7 antibody.

Storage

After reconstitution, the Cdk7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.