

## CDK7 antibody

Cat. No. GTX111919

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, IHC-P, IP
Reactivity	Human

References ( 2 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
IHC-P	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

**Calculated MW** 39 kDa. ( [Note](#) )

**Product Note** IP/MS validation is based on published data (PMID: 30377406).

## Properties

Form	Liquid
Buffer	PBS, 1% BSA, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.26 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length human CDK7 Recombinant protein.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

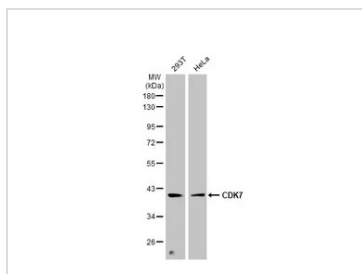


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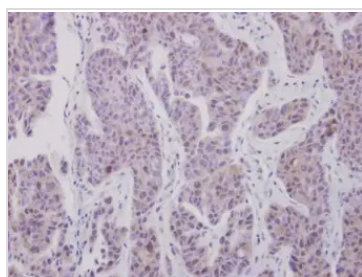
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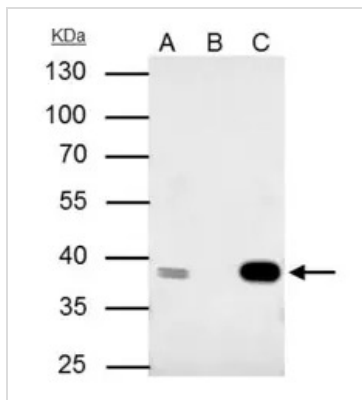
**DATA IMAGES**

**GTX111919 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with CDK7 antibody (GTX111919) diluted at 1:2000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX111919 IHC-P Image**

Immunohistochemical analysis of paraffin-embedded human breast cancer, using CDK7(GTX111919) antibody at 1:250 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min


**GTX111919 IP Image**

CDK7 antibody immunoprecipitates CDK7 protein in IP experiments.

IP samples: 293T whole cell extract

A. 40 µg 293T whole cell extract

B. Control with 4 µg of preimmune Rabbit IgG

C. Immunoprecipitation of CDK7 protein by 4 µg CDK7 antibody (GTX111919)

10 % SDS-PAGE

The immunoprecipitated CDK7 protein was detected by CDK7 antibody (GTX111919) diluted at 1:500.

[EasyBlot anti-rabbit IgG (GTX221666-01) was used as a secondary reagent]



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