

## anti- CDK8 antibody

### Product Information

Catalog No.:	FNab01563
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

Component of the Mediator complex, a coactivator involved in regulated gene transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. Phosphorylates the CTD(C-terminal domain) of the large subunit of RNA polymerase II(RNAP II), which may inhibit the formation of a transcription initiation complex. Phosphorylates CCNH leading to down-regulation of the TFIID complex and transcriptional repression. Recruited through interaction with MAML1 to hyperphosphorylate the intracellular domain of NOTCH, leading to its degradation.

### Immunogen information

Immunogen:	cyclin-dependent kinase 8
Synonyms:	None
Observed MW:	53 kDa
Uniprot ID :	P49336

### Wuhan Fine Biotech Co., Ltd.

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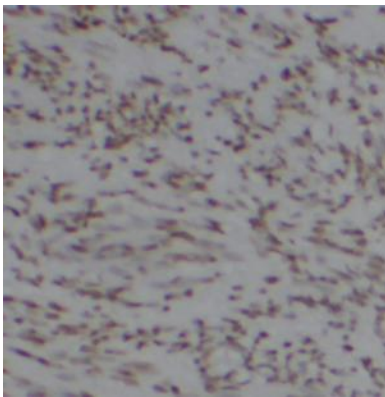
## Application

Reactivity: Human, Mouse

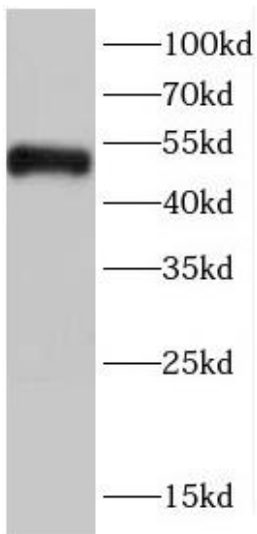
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human stomach cancer using FNab01563(CDK8 antibody) at dilution of 1:50



NIH/3T3 cells were subjected to SDS PAGE followed by western blot with FNab01563(CDK8 antibody) at dilution of 1:500

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