

## CDK3 antibody

### Product Information

Catalog No.:	FNab01556
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

Serine/threonine-protein kinase that plays a critical role in the control of the eukaryotic cell cycle; involved in G0-G1 and G1-S cell cycle transitions. Interacts with CCNC/cyclin-C during interphase. Phosphorylates histone H1, ATF1, RB1 and CABLES1. ATF1 phosphorylation triggers ATF1 transactivation and transcriptional activities, and promotes cell proliferation and transformation. CDK3/cyclin-C mediated RB1 phosphorylation is required for G0-G1 transition. Promotes G1-S transition probably by contributing to the activation of E2F1, E2F2 and E2F3 in a RB1-independent manner.

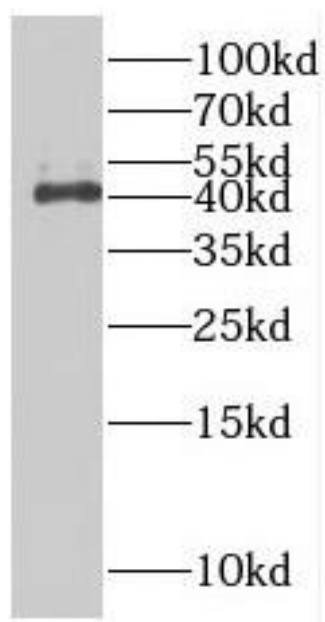
### Immunogen information

Immunogen:	cyclin-dependent kinase 3
Synonyms:	Cyclin-dependent kinase 3 Cell division protein kinase 3 CDK3 CDKN3
Observed MW:	40-45 kDa
Uniprot ID :	Q00526

### Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB
Recommended dilution:WB:	1:500-1:2000

Image:



Mouse brain were subjected to SDS PAGE followed by western blot with FNab01556(CDK3 antibody) at dilution of 1:2000