

anti- CDK1 antibody

Product Information

Catalog No.:	FNab01550
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

The protein encoded by this gene is a member of the Ser/Thr protein kinase family. This protein is a catalytic subunit of the highly conserved protein kinase complex known as M-phase promoting factor (MPF), which is essential for G1/S and G2/M phase transitions of eukaryotic cell cycle. Mitotic cyclins stably associate with this protein and function as regulatory subunits. The kinase activity of this protein is controlled by cyclin accumulation and destruction through the cell cycle. The phosphorylation and dephosphorylation of this protein also play important regulatory roles in cell cycle control. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Immunogen information

Immunogen:	cell division cycle 2, G1 to S and G2 to M
Synonyms:	CDC2, CDC28A, CDKN1, P34CDC2
Observed MW:	32 kDa
Uniprot ID :	P06493

Application

Wuhan Fine Biotech Co., Ltd.

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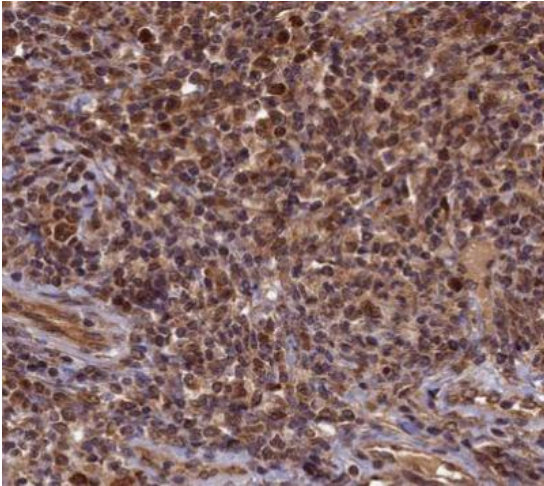
www.fn-test.com

Reactivity: Human, Mouse, Rat

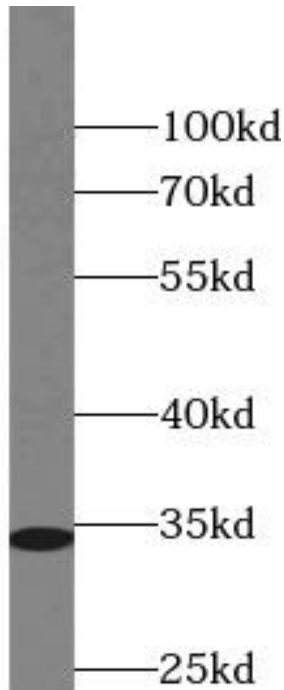
Tested Application: ELISA, WB, IHC, IF

Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:100; IF: 1:50 - 1:200

Image:



Immunohistochemical of paraffin-embedded mouse brain using FNab01550(CDC2-Specific antibody) at dilution of 1:50



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab01550(CDC2-Specific antibody) at dilution of 1:1000

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