

## CDK14 antibody

### Product Information

Catalog No.:	FNab06344
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

PFTK1 is a Cdc2-related protein kinase, also named as PFTAIRE1, CDK14 and belongs to the CMGC Ser/Thr protein kinase family and CDC2/CDKX subfamily. It acts as a cyclin-dependent kinases that regulates cell cycle progression and cell proliferation. The PFTK1 protein shows high homology with mouse Pftaire1, a Cdc2-related protein expressed primarily in the postnatal and adult nervous system(PMID:9202329). The protein contains 2 predicted nuclear localization signals that the N-terminal nuclear localization signals do not play a role in vivo(PMID:11313143). It has 3 isoforms produced by alternative splicing. This antibody is specific to PFTK1.

### Immunogen information

Immunogen:	PFTAIRE protein kinase 1
Synonyms:	Cyclin-dependent kinase 14 Cell division protein kinase 14 Serine/threonine-protein kinase PFTAIRE-1 (hPFTAIRE1) CDK14 KIAA0834 PFTK1
Observed MW:	48-53 kDa
Uniprot ID :	O94921

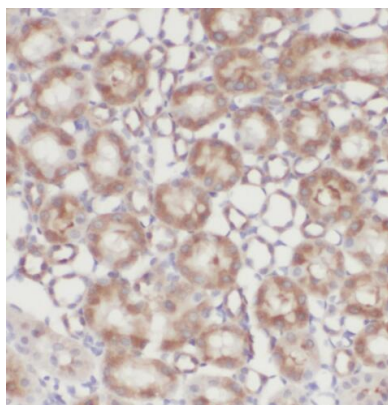
### Application

Reactivity:	Human, Mouse, Rat
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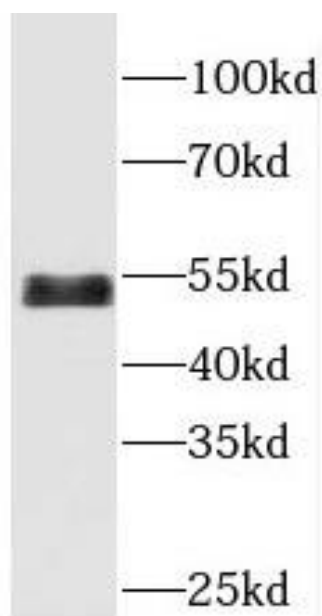
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human kidney tissue slide using FNab06344(PFTK1 Antibody) at dilution of 1:200



HeLa cells were subjected to SDS PAGE followed by western blot with FNab06344(PFTK1 antibody) at dilution of 1:500