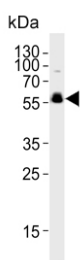


## Cyclin-dependent kinase 14 Antibody / CDK14 / PFTAIRES-1 (F54938)

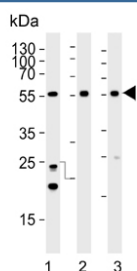
Catalog No.	Formulation	Size
F54938-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54938-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

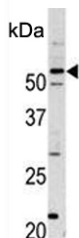
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse
<b>Format</b>	Purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	O94921
<b>Localization</b>	Nuclear, cytoplasmic
<b>Applications</b>	Western Blot : 1:500-1:1000 Immunohistochemistry (FFPE) : 1:50-1:100
<b>Limitations</b>	This Cyclin-dependent kinase 14 antibody is available for research use only.



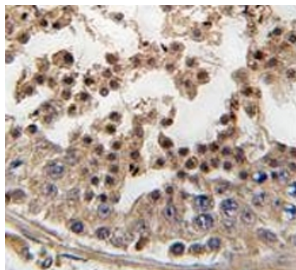
Western blot testing of human brain tissue lysate with Cyclin-dependent kinase 14 antibody. Predicted molecular weight ~53 kDa.



Western blot testing of 1) human HeLa, 2) human brain and 3) mouse cerebellum tissue lysate with Cyclin-dependent kinase 14 antibody. Predicted molecular weight ~53 kDa.



Western blot testing of mouse cerebellum tissue lysate with Cyclin-dependent kinase 14 antibody. Predicted molecular weight ~53 kDa.



IHC testing of FFPE human testis tissue with Cyclin-dependent kinase 14 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

## Description

Cyclin-dependent kinase 14, a member of the CDC2/CDKX subfamily of Ser/Thr protein kinases, may play a role in meiosis as well as in neuron differentiation and/or function. It is highly expressed in brain, pancreas, kidney, heart, testis and ovary, and also detected at lower levels in other tissues except in spleen and thymus where expression is minimal.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the Cyclin-dependent kinase 14 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 1-30 from the human protein was used as the immunogen for the Cyclin-dependent kinase 14 antibody.

## Storage

Aliquot the Cyclin-dependent kinase 14 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.