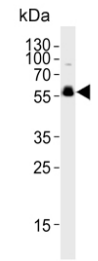
Cyclin-dependent kinase 14 Antibody / CDK14 / PFTAIRE-1 (F54938)

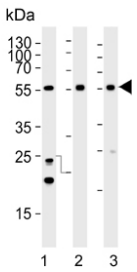
Catalog No.	Formulation	Size
F54938-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54938-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

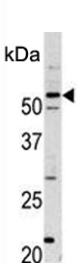
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	O94921
Localization	Nuclear, cytoplasmic
Applications	Western blot: 1:500-1:1000 Immunohistochemistry (FFPE): 1:50-1:100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



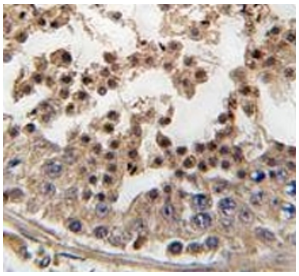
Western blot testing of human brain tissue lysate with Cyclin-dependent kinase 14 antibody. Predicted molecular weight ~53 kDa.



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 -20oC or colder. Avoid repeated freeze-thaw cycles.

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