

Datasheet for ABIN391791

anti-CDK14 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	CDK14
Binding Specificity:	AA 1-30, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK14 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This PFTK1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human PFTK1.
Clone:	RB3365-3366
Isotype:	Ig Fraction
Predicted Reactivity:	Rb
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	CDK14
Alternative Name:	PFTK1 (CDK14 Products)

Target Details

Background: PFTK1, 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.

Molecular Weight: 53057

Gene ID: 5218

NCBI Accession: [NP_036527](#)

UniProt: [O94921](#)

Application Details

Application Notes: WB: 1:1000. WB: 1:1000. WB: 1:1000. IHC-P: 1:50~100

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

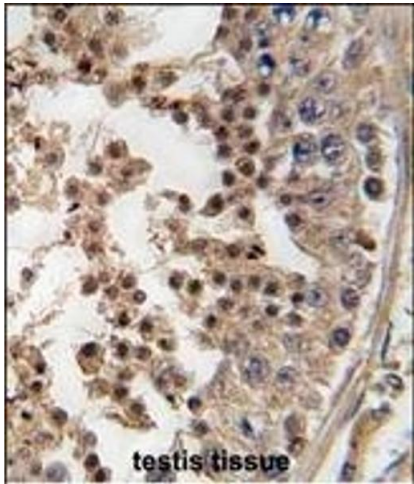
Storage: 4 °C, -20 °C

Storage Comment: Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

Expiry Date: 6 months

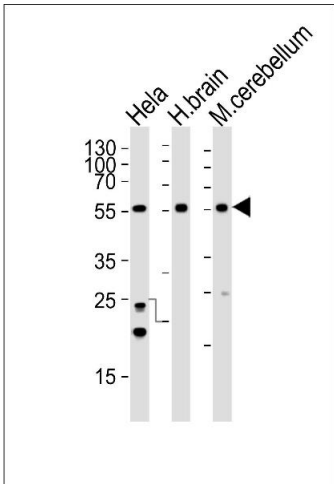
Publications

Product cited in: Bolomini-Vittori, Montresor, Giagulli, Staunton, Rossi, Martinello, Constantin, Laudanna: "Regulation of conformer-specific activation of the integrin LFA-1 by a chemokine-triggered Rho signaling module." in: **Nature immunology**, Vol. 10, Issue 2, pp. 185-94, (2009) ([PubMed](#)).



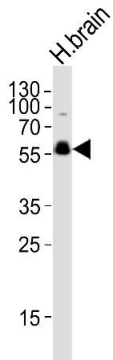
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Formalin-fixed and paraffin-embedded human testis tissue reacted with PFTK1 antibody (N-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated.



Western Blotting

Image 2. Western blot analysis of lysates from HeLa cell line, human brain and mouse cerebellum tissue lysate (from left to right), using PFTK1 Antibody (N-term). A was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysates at 35 µg per lane.



Western Blotting

Image 3. Western blot analysis of lysate from human brain tissue lysate, using PFTK1 Antibody (N-term). A was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.