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Datasheet for ABIN7113160 **anti-CDK14 antibody**

Overview

Quantity:	100 µg
Target:	CDK14
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CDK14 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	PFTAIRE protein kinase 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CDK14
Alternative Name:	PFTK1 (CDK14 Products)
Background:	<p>Synonyms:CDK14, hPFTAIRE1, KIAA0834, PFTAIRE protein kinase 1, PFTAIRE1, PFTK1</p> <p>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</p>

Target Details

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.

Molecular Weight: 48-53 kDa

UniProt: [O94921](#)

Application Details

Application Notes: WB: 1:500-1:5000, IHC: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months