10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

PCTAIRE2 (PCTK2) Antibody (N-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP7548a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q00537
Other Accession	O35831, Q8K0D0, NP_002586
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB3362
Calculated MW	59582
Antigen Region	47-77

Additional Information

Gene ID	5128
Other Names	Cyclin-dependent kinase 17, Cell division protein kinase 17, PCTAIRE-motif protein kinase 2, Serine/threonine-protein kinase PCTAIRE-2, CDK17, PCTAIRE2, PCTK2
Target/Specificity	This PCTAIRE2 (PCTK2) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 47-77 amino acids from the N-terminal region of human PCTAIRE2 (PCTK2).
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	PCTAIRE2 (PCTK2) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	CDK17
Synonyms	PCTAIRE2, PCTK2

Function	May play a role in terminally differentiated neurons. Has a Ser/Thr-phosphorylating activity for histone H1 (By similarity).

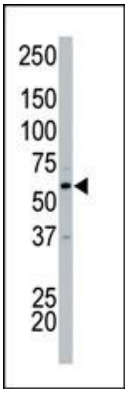
Background

The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It has similarity to rat protein which is thought to play a role in terminally differentiated neurons.

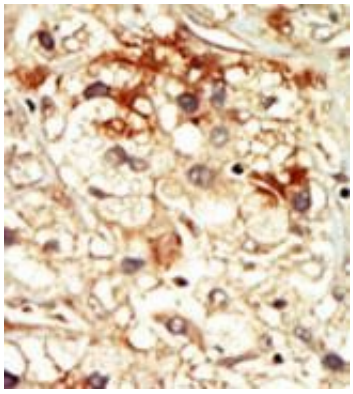
References

Meyerson, M., et al., EMBO J. 11(8):2909-2917 (1992).

Images



The anti-PCTK2 Pab (Cat. #AP7548a) is used in Western blot to detect PCTK2 in HeLa cell lysate.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, 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. BC = breast carcinoma; HC = hepatocarcinoma.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.