

**PCTAIRE2 (PCKT2) Antibody (N-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP7548a****Specification**

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**PCTAIRE2 (PCKT2) Antibody (N-term) - Product Information**

|                   |   |
|-------------------|---|
| Application       | WB, IHC-P,E   |
| Primary Accession | <a href="#">Q00537</a>  |
| Other Accession   | <a href="#">O35831</a> , <a href="#">Q8K0D0</a> , <a href="#">NP_002586</a> |
| Reactivity        | Human   |
| Predicted         | Mouse, Rat  |
| Host              | Rabbit  |
| Clonality         | Polyclonal  |
| Isotype           | Rabbit IgG  |
| Calculated MW     | 59582   |
| Antigen Region    | 47-77   |

**PCTAIRE2 (PCKT2) Antibody (N-term) - 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, PCKT2

**Target/Specificity**

This PCTAIRE2 (PCKT2) 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 (PCKT2).

**Dilution**

WB~~1:1000  
IHC-P~~1:50~100

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**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 (PCKT2) Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**PCTAIRE2 (PCKT2) Antibody (N-term) - Protein Information**

**Name** CDK17

**Synonyms** PCTAIRE2, PCTK2

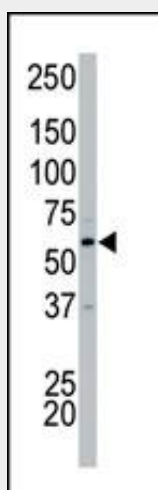
**Function** May play a role in terminally differentiated neurons. Has a Ser/Thr-phosphorylating activity for histone H1 (By similarity).

#### **PCTAIRE2 (PCTK2) Antibody (N-term) - Protocols**

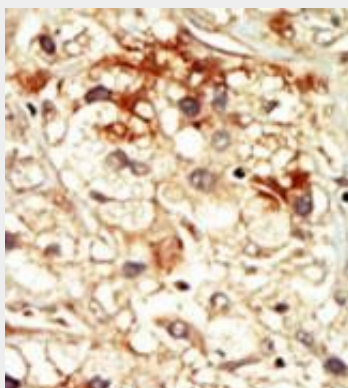
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **PCTAIRE2 (PCTK2) Antibody (N-term) - 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.

**PCTAIRE2 (PCTK2) Antibody (N-term) - 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.

**PCTAIRE2 (PCTK2) Antibody (N-term) - References**

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