

Datasheet for ABIN391247  
**anti-CDK16 antibody (N-Term)**[Go to Product page](#)

## 2 Images

## Overview

|                      |                                      |
|----------------------|--------------------------------------|
| Quantity:            | 400 µL                               |
| Target:              | CDK16                                |
| Binding Specificity: | AA 357-386, N-Term                   |
| Reactivity:          | Human                                |
| Host:                | Rabbit                               |
| Clonality:           | Polyclonal                           |
| Conjugate:           | This CDK16 antibody is un-conjugated |
| Application:         | Western Blotting (WB)                |

## Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | This PCTAIRE1 (PCTK1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 357-386 amino acids from the N-terminal region of human PCTAIRE1 (PCTK1). |
| Clone:                | RB8583   |
| Isotype:              | Ig Fraction  |
| Predicted Reactivity: | M, Rat   |
| Purification:         | This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.  |

## Target Details

|         |       |
|---------|-------|
| Target: | CDK16 |
|---------|-------|

## Target Details

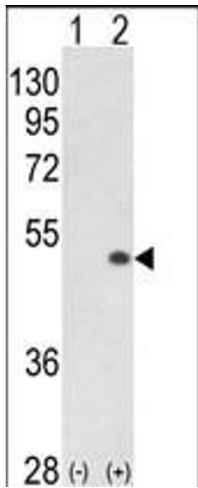
|                   |  |
|-------------------|--|
| Alternative Name: | PCTAIRE1 (PCTK1) ( <a href="#">CDK16 Products</a> )  |
| Background:       | The protein encoded by this gene belongs to the cdc2/cdkx subfamily of the ser/thr family of protein kinases. It may play a role in signal transduction cascades in terminally differentiated cells. This gene is thought to escape X inactivation. Two transcript variants encoding the same protein have been found for this gene. |
| Molecular Weight: | 51091  |
| Gene ID:          | 5127   |
| UniProt:          | <a href="#">Q9BRL4</a>   |
| Pathways:         | <a href="#">Hormone Transport</a>  |

## Application Details

|                    |                        |
|--------------------|------------------------|
| Application Notes: | WB: 1:1000. WB: 1:1000 |
| Restrictions:      | For Research Use only  |

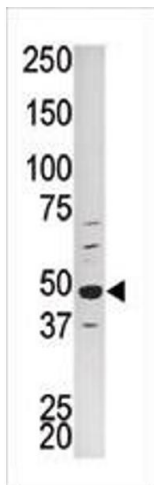
## Handling

|                    |  |
|--------------------|--|
| 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   |



#### Western Blotting

**Image 1.** Western blot analysis of PCTK1 (arrow) using rabbit polyclonal PCTK1 C-term (ABIN391247 and ABIN2837844). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected with the PCTK1 gene (Lane 2).



#### Western Blotting

**Image 2.** Western blot analysis of PCTK1 Antibody (C-term) (ABIN391247 and ABIN2837844) in HepG2 tissue lysate. PCTK1 (arrow) was detected using the purified Pab,