

Datasheet for ABIN657998  
**anti-PIM1 antibody (C-Term)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	400 µL
Target:	PIM1
Binding Specificity:	AA 343-372, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This Mouse Pim1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 343-372 amino acids from the C-terminal region of mouse Pim1.
Clone:	RB34666
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	PIM1
Alternative Name:	Pim1 ( <a href="#">PIM1 Products</a> )
Background:	Pim1 may affect the structure or silencing of chromatin by phosphorylating HP1 gamma/CBX3 (By similarity). Promotes the G1/S transition of the cell cycle via up-regulation of CDK2 activity and phosphorylation of CDKN1B, resulting in enhanced nuclear export and proteasome-

## Target Details

dependent degradation of CDKN1B (By similarity). Also represses CDKN1B transcription by phosphorylating and inactivating the transcription factor FOXO3 (By similarity). Plays a role in signal transduction in blood cells (By similarity). Contributes to both cell proliferation and survival thus providing a selective advantage in tumorigenesis (By similarity).

Molecular Weight: 35451

Gene ID: 18712

UniProt: [P06803](#)

Pathways: [Glycosaminoglycan Metabolic Process](#)

## 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.

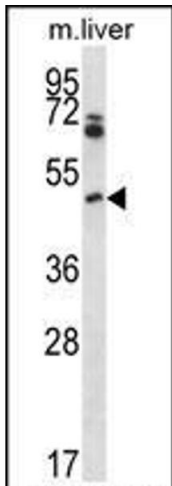
Preservative: Sodium azide

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

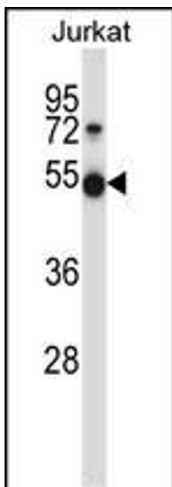
Storage Comment: Mouse Pim1 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C.

Expiry Date: 6 months



#### Western Blotting

**Image 1.** Mouse Pim1 Antibody (C-term) (ABIN657998 and ABIN2846943) western blot analysis in mouse liver tissue lysates (35 µg/lane). This demonstrates the Pim1 antibody detected the Pim1 protein (arrow).



#### Western Blotting

**Image 2.** Mouse Pim1 Antibody (C-term) (ABIN657998 and ABIN2846943) western blot analysis in Jurkat cell line lysates (35 µg/lane). This demonstrates the Pim1 antibody detected the Pim1 protein (arrow).