

Datasheet for ABIN391292  
**anti-PKMYT1 antibody (C-Term)**

## 2 Images

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## Overview

Quantity:	400 µL
Target:	PKMYT1
Binding Specificity:	AA 452-482, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKMYT1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This MYT1 (PKMYT1) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 452-482 amino acids from the C-terminal region of human MYT1 (PKMYT1).
Clone:	RB09867
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	PKMYT1
Alternative Name:	MYT1 (PKMYT1) ( <a href="#">PKMYT1 Products</a> )

## Target Details

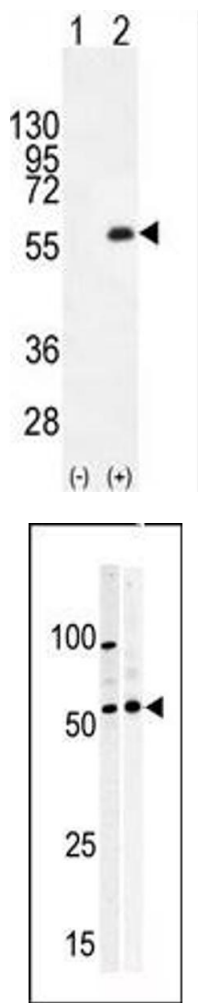
Background:	The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase preferentially phosphorylates and inactivates cell division cycle 2 protein (CDC2), and thus negatively regulates cell cycle G2/M transition. This kinase is associated with the membrane throughout the cell cycle. Its activity is highly regulated during the cell cycle. Protein kinases AKT1/PKB and PLK (Polo-like kinase) have been shown to phosphorylate and regulate the activity of this kinase. Alternatively spliced transcript variants encoding distinct isoforms have been reported. Transcript Variant: This variant (1) encodes the longer isoform (1).
Molecular Weight:	54521
Gene ID:	9088
NCBI Accession:	<a href="#">NP_001245379</a> , <a href="#">NP_001245380</a> , <a href="#">NP_004194</a> , <a href="#">NP_872629</a>
UniProt:	<a href="#">Q99640</a>
Pathways:	<a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">M Phase</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 PKMYT1 (arrow) using rabbit polyclonal PKMYT1 C-term (ABIN391292 and ABIN2841332). 293 cell lysates (2 µg/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the PKMYT1 gene.

Western Blotting

**Image 2.** Western blot analysis of anti-PKMYT1 Pabin (left) and Y79 (right) cell line lysate. PKMYT1 (arrow) was detected using the purified Pab.