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## Datasheet for ABIN754545 anti-PKMYT1 antibody (AA 121-220) (Biotin)



Overview

Quantity:	100 µL
Target:	PKMYT1
Binding Specificity:	AA 121-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKMYT1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PKMYT1
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	PKMYT1
Alternative Name:	PKMYT1 (PKMYT1 Products)
Background:	Synonyms: cdc2 inhibitory kinase, Membrane associated tyrosine and threonine specic cdc2
	inhibitory kinase, Membrane-associated tyrosine- and threonine-specic cdc2-inhibitory kinase,

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MYT1, Myt1 kinase, PKMYT 1, Pkmyt1, PMYT1_HUMAN, Protein kinase mentyrosine/threonine 1, Protein kinase Myt1, DKFZp547K1610, FLJ20093.         Background: PKMYT1 is a member of the serine/threonine protein kinase faipreferentially phosphorylates and inactivates cell division cycle 2 protein (cd as a negative regulator of entry into mitosis (G2 to M transition). It mediates cdc2 predominantly on "Thr-14" and is also involved in Golgi fragmentation. I phosphorylation of cdc2 on "Tyr-15" to a lesser degree, however tyrosine kina unclear and may be indirect. It may be a downstream target of Notch signali eye development. PKMYT1 is negatively regulated by hyperphosphorylation         Gene ID:       9088         Pathways:       Mitotic G1-G1/S Phases, M Phase         Application Details       WB 1:300-5000         HI-CF 1:100-500       IHC-F 1:100-500         Restrictions:       For Research Use only         Handling       Iuquid         Concentration:       1 µg/µL         Buffer:       Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.0 S0 % Glycerol.         Precaution of Use:       This product contains ProClin: a PDISONOUS AND HAZARDOUS SUBSTANC handled by trained staff only.         Storage:       -20 °C         Storage:       -20 °C         Storage:       12 months.	
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