

Datasheet for ABIN7117978 **anti-PKMYT1 antibody**

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Overview

Quantity:	100 µg
Target:	PKMYT1
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKMYT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	protein kinase, membrane associated tyrosine/threonine 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	PKMYT1
Alternative Name:	PKMYT1 (PKMYT1 Products)
Background:	Synonyms:MYT1 Background:Acts as a negative regulator of entry into mitosis(G2 to M transition) by phosphorylation of the CDK1 kinase specifically when CDK1 is complexed to cyclins. Mediates phosphorylation of CDK1 predominantly on 'Thr-14'. Also involved in Golgi fragmentation. May be involved in phosphorylation of CDK1 on 'Tyr-15' to a lesser degree,

Target Details

	however tyrosine kinase activity is unclear and may be indirect. May be a downstream target of Notch signaling pathway during eye development.
Molecular Weight:	55 kDa
Gene ID:	9088
UniProt:	Q99640
Pathways:	Mitotic G1-G1/S Phases, M Phase

Application Details

Application Notes:	WB: 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months