



# Myt 1 rabbit pAb

Cat No.:ES2884

For research use only

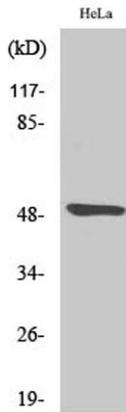
## Overview

<b>Product Name</b>	Myt 1 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human PKMYT1. AA range:49-98
<b>Specificity</b>	Myt 1 Polyclonal Antibody detects endogenous levels of Myt 1 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase
<b>Gene Name</b>	PKMYT1
<b>Cellular localization</b>	Endoplasmic reticulum membrane ; Peripheral membrane protein . Golgi apparatus membrane ; Peripheral membrane protein .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	50kD
<b>Human Gene ID</b>	9088
<b>Human Swiss-Prot Number</b>	Q99640
<b>Alternative Names</b>	PKMYT1; MYT1; Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase; Myt1 kinase
<b>Background</b>	This gene encodes a member of the



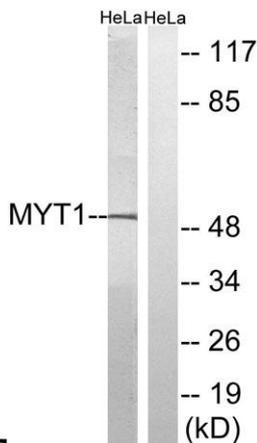
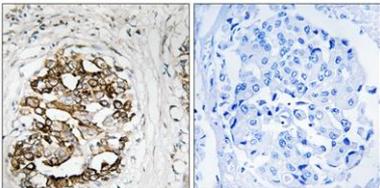


serine/threonine protein kinase family. The encoded protein is a membrane-associated kinase that negatively regulates the G2/M transition of the cell cycle by phosphorylating and inactivating cyclin-dependent kinase 1. The activity of the encoded protein is regulated by polo-like kinase 1. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012],



Western Blot analysis of various cells using Myt 1 Polyclonal Antibody diluted at 1:2000

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using MYT1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa cells, using MYT1 Antibody. The lane on the right is blocked with the synthesized peptide.





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