

Rabbit anti-Human, mouse Pkmyt1 Polyclonal Antibody | anti-Pkmyt1 antibody

Mouse Pkmyt1 Antibody (N-term)

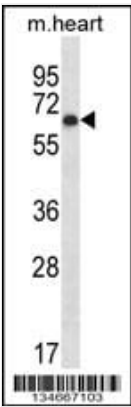
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286798	Rabbit	Human, mouse	ELISA, Western Blot

PRODUCT SYNONYMS

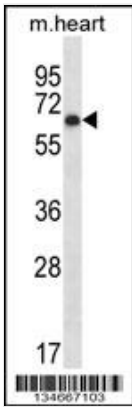
Pkmyt1; Polyclonal Antibody; Mouse Pkmyt1 Antibody (N-term); Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase; Myt1 kinase; Myt1; anti-Pkmyt1 antibody

PRODUCT SPECIFICATIONS

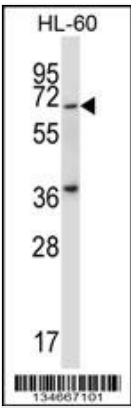
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This Mouse Pkmyt1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 114-143 amino acids from the N-terminal region of mouse Pkmyt1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	114-143
Sequence Length	490
Applicable Applications for anti-Pkmyt1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	MOUSE
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Mouse Pkmyt1 Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Pkmyt1 antibody detected the Pkmyt1 protein (arrow).



WB (Western Blot)
Western blot analysis of Pkmyt1 (arrow) using rabbit polyclonal Mouse Pkmyt1 Antibody (N-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (Lane 2) with the Pkmyt1 gene.



WB (Western Blot)
Mouse Pkmyt1 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane). This demonstrates the Pkmyt1 antibody detected the Pkmyt1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-Pkmyt1 antibody	Pkmyt1 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, however tyrosine kinase activity is unclear and may be indirect. May be a downstream target of Notch signaling pathway during eye development (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	110625699
NCBI GeneID	268930
NCBI Accession #	NP_075545.2
NCBI GenBank Nucleotide #	NM_023058.3
UniProt Accession #	Q9ESG9; Q3TNN2; Q8R3L4
Molecular Weight	54053
NCBI Official Full Name	membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase
NCBI Official Synonym Full Names	protein kinase, membrane associated tyrosine/threonine 1

NCBI Official Symbol	Pkmyt1
NCBI Official Synonym Symbols	Myt1; AW209059; 6230424P17
NCBI Protein Information	membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase
UniProt Protein Name	Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase
UniProt Gene Name	Pkmyt1
UniProt Synonym Gene Names	Myt1
UniProt Entry Name	PMYT1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/pkmyt1-antibody-western-blot-elisa/286798>