

Rabbit anti-Human MYT1 Polyclonal Antibody | anti-MYT1 antibody

MYT1 Antibody (C-term)

CATALOG # AAA295826	HOST Rabbit	REACTIVITY Human	APPLICATIONS Western Blot
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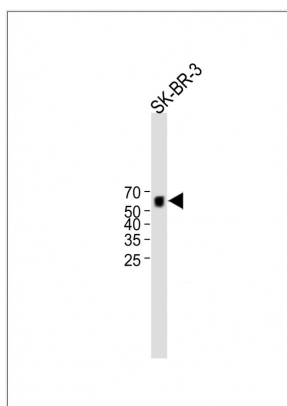
PRODUCT SYNONYMS

MYT1; Polyclonal Antibody; MYT1 Antibody (C-term); Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase; Myt1 kinase; PKMYT1; anti-MYT1 antibody

PRODUCT SPECIFICATIONS

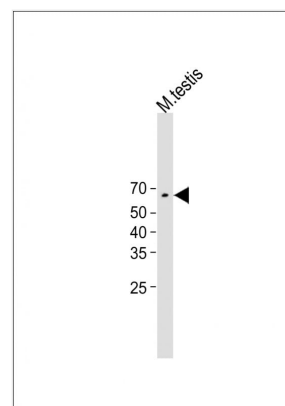
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MYT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide corresponding to amino acid residues surrounding T495 of human MYT1.
Purity/Purification	Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Applicable Applications for anti-MYT1 antibody	WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



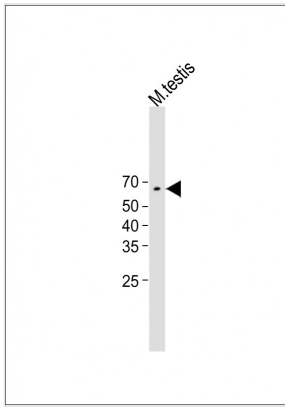
WB (Western Blot)

Dilution: WB: 1:2000 All lanes : Anti-MYT1 Antibody (C-term) at 1:2000 dilution Lane 1: SK-BR-3 whole cell lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 55kDa Blocking/Dilution buffer: 5% NFDm/TBST.



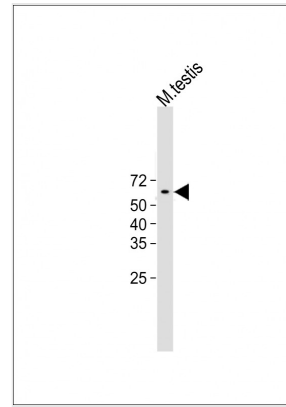
WB (Western Blot)

Dilution: WB: 1:500



WB (Western Blot)

Dilution: WB 1:500 All lanes : Anti-MYT1 Antibody (C-term) at 1:500 dilution Lane 1: Mouse testis lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 55 kDa Blocking/Dilution buffer: 5% NFDm/TBST.



WB (Western Blot)

Dilution: WB 1:500 All lanes : Anti-MYT1 Antibody (C-term) at 1:500 dilution Lane 1 Mouse testis lysate Lysates/proteins at 20 ug per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (ASP1615) at 1/15000 dilution. Observed band size : 55 kDa Blocking/Dilution buffer: 5% NFDm/TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-MYT1 antibody	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).
Product Categories/Family for anti-MYT1 antibody	Primary Antibodies ; Cell Biology ; Signal Transduction
References	Dai, X., et al., J. Invest. Dermatol. 122 (6):1356-1364 (2004). Nakajima, H., et al., J. Biol. Chem. 278 (28):25277-25280 (2003). Passer, B.J., et al., Proc. Natl. Acad. Sci. U.S.A. 100 (5):2284-2289 (2003). Okumura, E., et al., Nat. Cell Biol. 4 (2):111-116 (2002). Booher, R.N., et al., J. Biol. Chem. 272 (35):22300-22306 (1997).

NCBI AND UNIPROT INFORMATION

NCBI GI #	386642875
NCBI GeneID	9088
NCBI Accession #	NP_001245379.1 ; NP_001245380.1 ; NP_004194.3 ; NP_872629.1
NCBI GenBank Nucleotide #	NM_001258450.1
UniProt Accession #	Q99640 ; O14731 ; Q7LE24 ; Q8TCM9 ; B3KUN8 ; B4DXD4 ; D3DUA4 ; F8W164 ; I3L1V2
Molecular Weight	47,284 Da
NCBI Official Full Name	membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase isoform 3
NCBI Official Synonym Full Names	protein kinase, membrane associated tyrosine/threonine 1
NCBI Official Symbol	PKMYT1
NCBI Official Synonym Symbols	MYT1; PPP1R126
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_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/myt1-antibody-western-blot-elisa/295826>