

anti-Human MYT1 Antibody | anti-MYT1 antibody

MYT1 (Phospho-Ser83) Antibody

CATALOG # AAA110044	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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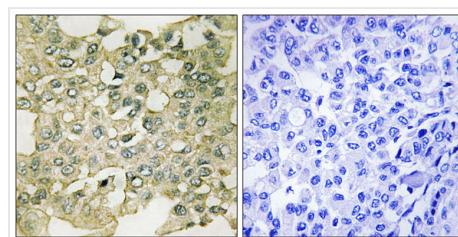
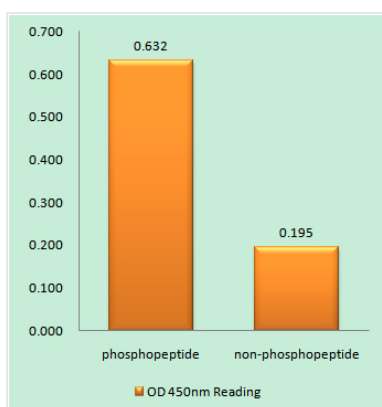
PRODUCT SYNONYMS

MYT1; MYT1 (Phospho-Ser83) Antibody; EC 2.7.11.1; kinase Myt1; Kinase MYT1; Membrane-associated tyrosine-and threonine-specific cdc2-inhibitory kinase; MYT1 kinase; Myt1 protein; PKMYT1; PMYT1; anti-MYT1 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	MYT1 (Phospho-Ser83) antibody detects endogenous levels of MYT1 only when phosphorylated at serine 83.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	430
Applicable Applications for anti-MYT1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MYT1 around the phosphorylation site of serine 83 (R-V-SP-F-R).
All Sites	Human: Ser83
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using MYT1 (Phospho-Ser83) antibody. MYT1 (Phospho-Ser83) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MYT1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Booher R.N., J. Biol. Chem. 272:22300-22306(1997). Liu F., Mol. Cell. Biol. 17:571-583(1997). Nousiainen M., Proc. Natl. Acad. Sci. U.S.A. 103:5391-5396(2006).

NCBI AND UNIPROT INFORMATION

NCBI GI #	386642875
NCBI GeneID	9088
NCBI Accession #	NP_001245379.1
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

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://www.aaabiotech.com/human-antibody/myt1/110044>