

Rabbit anti-Human MYCT1 Polyclonal Antibody | anti-MYCT1 antibody

MYCT1 Antibody (C-term)

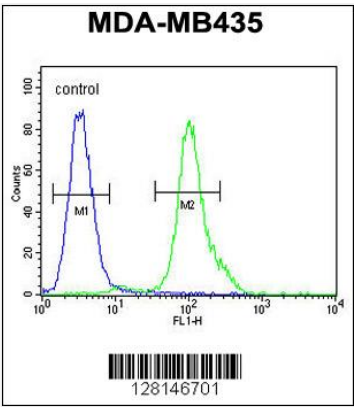
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284880	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

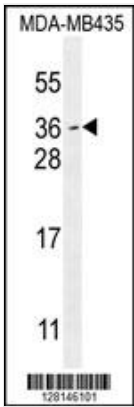
MYCT1; Polyclonal Antibody; MYCT1 Antibody (C-term); Myc target protein 1; Myc target in myeloid cells protein 1; MTLC; MTMC1; anti-MYCT1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	This MYCT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 135-163 amino acids from the C-terminal region of human MYCT1.
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.
Sequence Positions	135-163
Applicable Applications for anti-MYCT1 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Application Notes	FC~~1:10~50; WB~~1:1000; E~~Use at an assay dependent concentration.
Cellular Location	Nucleus. Note=Expressed in nuclei of hepatocellular carcinoma cell line BEL-7402 cells
Tissue Location	Down-regulated in gastric cancer tissues.
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MYCT1 Antibody (C-term) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
MYCT1 Antibody (C-term) western blot analysis in MDA-MB435 cell line lysates (35ug/lane).This demonstrates the MYCT1 antibody detected the MYCT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MYCT1 antibody	May regulate certain MYC target genes, MYC seems to be a direct upstream transcriptional activator. Does not seem to significantly affect growth cell capacity. Overexpression seems to mediate many of the known phenotypic features associated with MYC, including promotion of apoptosis, alteration of morphology, enhancement of anchorage-independent growth, tumorigenic conversion, promotion of genomic instability, and inhibition of hematopoietic differentiation (By similarity).
References	Qiu, G.B., et al. World J. Gastroenterol. 9(10):2160-2163(2003) Qiu, G., et al. Zhonghua Yi Xue Yi Chuan Xue Za Zhi 20(2):94-97(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	156151389
NCBI GeneID	80177
NCBI Accession #	NP_079383.2
NCBI GenBank Nucleotide #	NM_025107.2
UniProt Accession #	Q8N699; Q8N396; Q8TBE8; Q9H763
Molecular Weight	26593
NCBI Official Full Name	myc target protein 1
NCBI Official Synonym Full Names	myc target 1
NCBI Official Symbol	MYCT1
NCBI Official Synonym Symbols	MTLC
NCBI Protein Information	myc target protein 1
UniProt Protein Name	Myc target protein 1
UniProt Gene Name	MYCT1
UniProt Synonym Gene Names	MTLC; MTMC1
UniProt Entry Name	MYCT1_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/myct1-antibody-flow-cytometry-western-blot-elisa/284880>