

**MYCT1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP10516b****Specification**

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**MYCT1 Antibody (C-term) - Product Information**

Application	WB, FC,E
Primary Accession	<a href="#">Q8N699</a>
Other Accession	<a href="#">NP_079383.2</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	26593
Antigen Region	135-163

**MYCT1 Antibody (C-term) - Additional Information****Gene ID** 80177**Other Names**

Myc target protein 1, Myc target in myeloid cells protein 1, MYCT1, MTLC, MTMC1

**Target/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.

**Dilution**

WB~~1:1000

FC~~1:10~50

**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.

**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.

**Precautions**

MYCT1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**MYCT1 Antibody (C-term) - Protein Information****Name** MYCT1**Synonyms** MTLC, MTMC1

**Function** 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).

**Cellular Location**

Nucleus. Note=Expressed in nuclei of hepatocellular carcinoma cell line BEL-7402 cells

**Tissue Location**

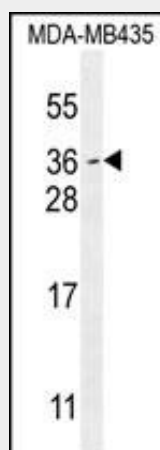
Down-regulated in gastric cancer tissues.

**MYCT1 Antibody (C-term) - Protocols**

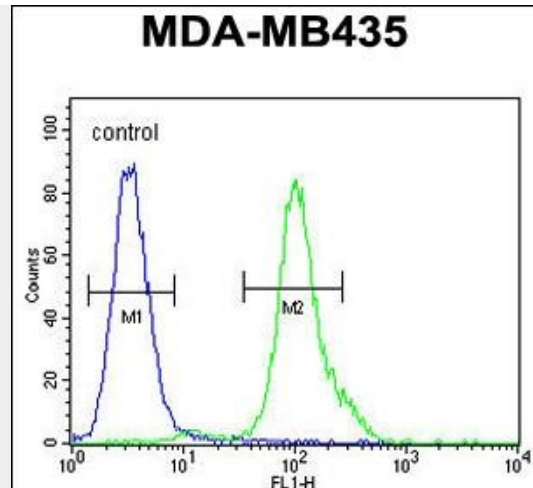
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**MYCT1 Antibody (C-term) - Images**



MYCT1 Antibody (C-term) (Cat. #AP10516b) western blot analysis in MDA-MB435 cell line lysates (35ug/lane). This demonstrates the MYCT1 antibody detected the MYCT1 protein (arrow).



MYCT1 Antibody (C-term) (Cat. #AP10516b) 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.

#### **MYCT1 Antibody (C-term) - Background**

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#### **MYCT1 Antibody (C-term) - 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)