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MYCT1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10516b

Specification

MYCT1 Antibody (C-term) - Product Information

Application	**FC, WB,E**
Primary Accession	Q8N699
Other Accession	NP_079383.2
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
FC~~1:10~50
WB~~1:1000
E~~Use at an assay dependent concentration.

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

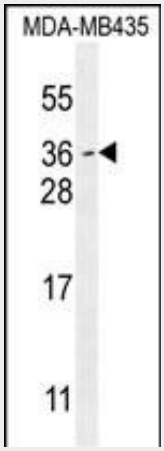
Tissue Location
Down-regulated in gastric cancer tissues.

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 Cytomety
- 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).

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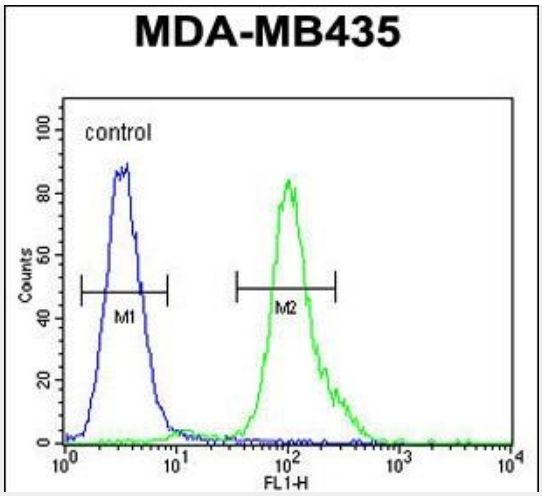

MYCT1 Antibody (C-term) (Cat. #AP10516b) flow cytometric analysis of MDA-MB435 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

MYCT1 Antibody (C-term) - Background

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).

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)