10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MYCT1 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10516b

Product Information

Application	WB, FC, E
Primary Accession	Q8N699
Other Accession	NP_079383.2
Reactivity	Human
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB28146
Calculated MW	26593
Antigen Region	135-163

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 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.

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.

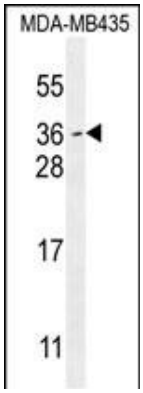
Background

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).

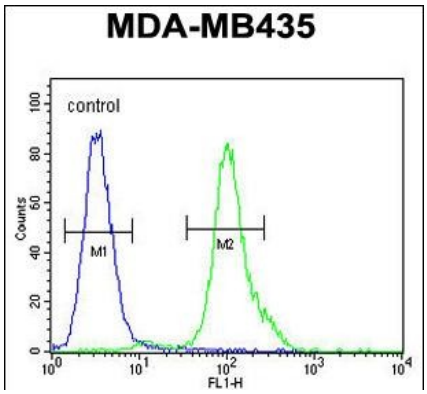
References

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)

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.