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Datasheet for 600-401-CW4

MYCT1 Antibody

Overview

Description:	Anti-MYCT1 (RABBIT) Antibody - 600-401-CW4
Item No.:	600-401-CW4
Size:	100 µg
Applications:	ELISA, WB
Reactivity:	Human, Mouse, Rat
Host Species:	Rabbit

Product Details

Background:	MYCT1 was initially identified as a novel target of the c-Myc oncogene in myeloid cells. It is a widely expressed nuclear protein whose overexpression can promote apoptosis, alteration of morphology, enhancement of anchorage-independent cell growth, tumorigenic conversion, promotion of genomic instability, and inhibition of hematopoietic differentiation. MYCT1 binds to the promoters of several c-Myc-regulated genes and it has been suggested that the phenotypes seen in MYCT1-overexpressing cells are a result of the deregulation of these genes. RUNX1-ETO, a fusion protein made up of RUNX1 and ETO, is thought to deregulate the proliferation and responsiveness of human hematopoietic progenitor cells downstream of MYCT1.
Synonyms:	MYCT1 Antibody, MTLC, MTLC, MTMC1, Myc target protein 1, Myc target in myeloid cells protein 1
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	MYCT1
Reactivity:	Human, Mouse, Rat
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-MYCT1 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 17 amino acid synthetic peptide near the C-terminus of human MYCT1.
Purity/Specificity:	Anti-MYCT1 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least two isoforms of MYCT1 are known to exist; this antibody will detect both isoforms.
Relevant Links:	• UniProtKB - Q8N699 • GeneID - 80177 • NCBI - NP_079383

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-MYCT1 Antibody has been tested for use in ELISA and Western Blotting. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 27 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:20,000
WB:	1-2 µg/mL

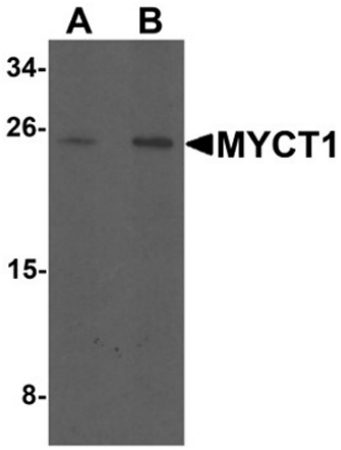
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Western Blot
Western blot analysis of MYCT1.
Load: rat lung tissue lysate.
Primary Antibody: MYCT1 antibody at (A) 1 and (B) 2 µg/mL.

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