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Anti-Myc target protein 1 MYCT1 Antibody

Catalog Number: A12155

About MYCT1

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.

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Overview

Product Name	Anti-Myc target protein 1 MYCT1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Myc target protein 1 MYCT1 Antibody (Catalog # A12155). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	MYCT1 Antibody is supplied in PBS containing ≤0.09% sodium azide.
Storage Instructions	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Host	Rabbit
Uniprot ID	Q8N699

Technical Details

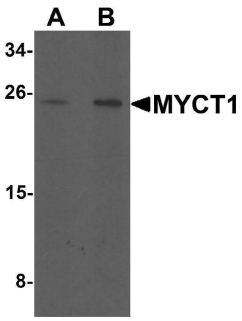
Immunogen	MYCT1 antibody was raised against a 17 amino acid synthetic peptide near the carboxy terminus of human MYCT1. The immunogen is located within the last 50 amino acids of MYCT1.
Predicted Reactive Species	Mouse

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Cross Reactivity	At least two isoforms of MYCT1 are known to exist; this antibody will detect both isoforms.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	MYCT1 Antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	MYCT1 antibody can be used for detection of MYCT1 by Western blot at 1 - 2 ug/mL. Antibody validated: Western Blot in rat samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

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Anti-Myc target protein 1 MYCT1 Antibody (A12155) Images



Western blot analysis of MYCT1 in rat lung tissue lysate with MYCT1 antibody at (A) 1 and (B) 2 ug/mL.

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