

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.

Submit a product review to Biocompare.com

[Submit a review of this product](#) to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Overview

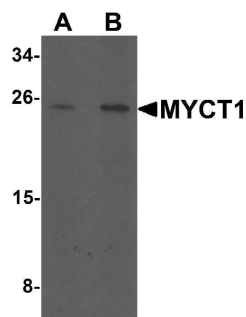
Product Name	Anti-Myc target protein 1 MYCT1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Myc target protein 1 MYCT1 Antibody (Catalog # A12155). Tested in ELISA, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, WB
Clonality	Polyclonal
Formulation	MYCT1 Antibody is supplied in PBS containing 0.02% 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

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.

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.

[Anti-Myc target protein 1 MYCT1 Antibody](#)

For Research Use Only. Not for use in diagnostic procedures.