

Product Name: c-Myb (phospho Ser12) Rabbit Polyclonal Antibody
Catalog #: APRab04476

Summary

Production Name	c-Myb (phospho Ser12) Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ELISA
Reactivity	Human,Mouse

Performance

Conjugation	Unconjugated
Modification	Phospho Antibody
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	MYB
Alternative Names	MYB; Transcriptional activator Myb; Proto-oncogene c-Myb
Gene ID	4602.0
SwissProt ID	P10242.The antiserum was produced against synthesized peptide derived from human MYB around the phosphorylation site of Ser12. AA range:1-50

Application

Dilution Ratio	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000..
Molecular Weight	65kD

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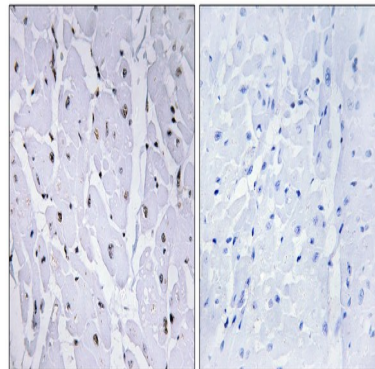
Background

This gene encodes a protein with three HTH DNA-binding domains that functions as a transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrantly expressed or rearranged or undergo translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],domain:Comprised of 3 domains; an N-terminal DNA-binding domain, a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression.,function:Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.,PTM:Phosphorylated by NLK on multiple sites, which induces proteasomal degradation.,PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation.,similarity:Contains 3 HTH myb-type DNA-binding domains.,subunit: Binds MYBBP1A. Interacts with HIPK2, MAF and NLK.,

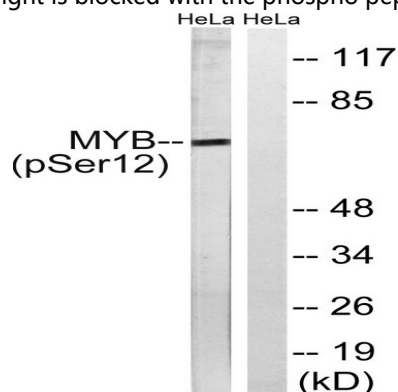
Research Area

PI3K/Akt; Protein_Acetylation

Image Data



Immunohistochemistry analysis of paraffin-embedded human heart, using MYB (Phospho-Ser12) Antibody. The picture on the right is blocked with the phospho peptide.





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Western blot analysis of lysates from HeLa cells treated with Hu 2nM 24h, using MYB (Phospho-Ser12) Antibody. The lane on the right is blocked with the phospho peptide.

Note

For research use only.