

MYB Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP13990c

Product Information

Application WB, IHC-P, E Primary Accession P10242

Other Accession NP 001123645.1, NP 001123644.1, NP 005366.2

Reactivity Human
Host Rabbit
Clonality Polyclonal
Isotype Rabbit IgG
Clone Names RB33743
Calculated MW 72341
Antigen Region 419-448

Additional Information

Gene ID 4602

Other Names Transcriptional activator Myb, Proto-oncogene c-Myb, MYB

Target/Specificity This MYB antibody is generated from rabbits immunized with a KLH

conjugated synthetic peptide between 419-448 amino acids from the Central

region of human MYB.

Dilution WB~~1:1000 IHC-P~~1:100~500 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 MYB Antibody (Center) is for research use only and not for use in diagnostic

or therapeutic procedures.

Protein Information

Name MYB

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.

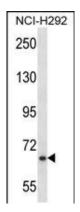
Background

This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. The protein contains three domains, an N-terminal DNA-binding domain, a central transcriptional activation domain and a C-terminal domain involved in transcriptional repression. This protein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesis. Alternative splicing results in multiple transcript variants.

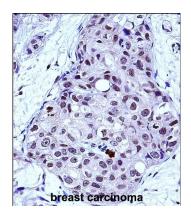
References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Tanno, B., et al. J. Biol. Chem. 285(38):29434-29445(2010)
Melen, E., et al. J. Allergy Clin. Immunol. 126(3):631-637(2010)
Stenman, G., et al. Cell Cycle 9(15):2986-2995(2010)
Deisenroth, C., et al. Mol. Cell. Biol. 30(16):3981-3993(2010)

Images



MYB Antibody (Center) (Cat. #AP13990c) western blot analysis in NCI-H292 cell line lysates (35ug/lane). This demonstrates the MYB antibody detected the MYB protein (arrow).



MYB Antibody (Center) (Cat. #AP13990c)immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MYB Antibody (Center) for immunohistochemistry.

Clinical relevance has not been evaluated.

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