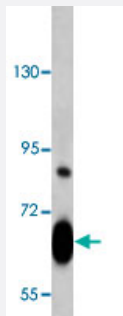


MYB polyclonal antibody

Catalog # PAB4338

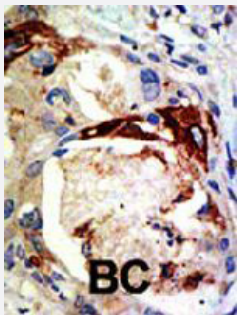
Size 400 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of mouse heart tissue lysate (35 ug/lane) with MYB polyclonal antibody (Cat # PAB4338).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Formalin-fixed and paraffin-embedded human cancer tissue reacted with MYB polyclonal antibody (Cat # PAB4338) , which was peroxidase-conjugated to the secondary antibody, followed by DAB staining . This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated . BC = breast carcinoma .

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MYB.
Immunogen	A synthetic peptide (conjugated with KLH) corresponding to human MYB.
Sequence	PLLKKIKQEVESPTCA
Host	Rabbit
Reactivity	Mouse
Specificity	This antibody recognize synthetic peptide (PLLKKIKQEVESPTCA) containing a predicted sumoylation site of human MYB.

Form	Liquid
Purification	Protein A purification
Recommend Usage	ELISA (1:1000) Western Blot (1:100-500) Immunohistochemistry (1:50-100) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

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- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — MYB

Entrez GeneID	4602
Protein Accession#	CAE55174;P10242
Gene Name	MYB
Gene Alias	Cmyb, c-myb, c-myb_CDS, efg
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)
Omim ID	189990
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

Avian myeloblastosis viral (v-myb) oncogene homolog|OTTHUMP00000017258|c-myb protein (140 AA)|c-myb10A_CDS|c-myb13A_CDS|c-myb14A_CDS|c-myb8B_CDS|v-myb avian myeloblastosis viral oncogene homolog|v-myb myeloblastosis viral oncogene homolog

Publication Reference

- [Transactivation properties of c-Myb are critically dependent on two SUMO-1 acceptor sites that are conjugated in a PIASy enhanced manner.](#)

Dahle O, Andersen TO, Nordgard O, Matre V, Del Sal G, Gabrielsen OS.

European Journal of Biochemistry 2003 Mar; 270(6):1338.

Application: IP, WB-Tr, Monkey, CV-1 cells

- [Characterization of the c-Myb-responsive region and regulation of the human type I collagen alpha 2 chain gene by c-Myb.](#)

Luchetti MM, Paroncini P, Majlingova P, Frampton J, Mucenski M, Baroni SS, Sambo P, Golay J, Introna M, Gabrielli A.

The Journal of Biological Chemistry 2002 Nov; 278(3):1533.

- [A Myb dependent pathway maintains Friend murine erythroleukemia cells in an immature and proliferating state.](#)

Chen J, Kremer CS, Bender TP.

Oncogene 2002 Mar; 21(12):1859.

Disease

- [alpha-Thalassemia](#)
- [Anemia](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [beta-Thalassemia](#)
- [Cardiovascular Diseases](#)

- [Coronary Artery Disease](#)
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