Best Tools for immunology Research

c-Myb (phospho Ser12) Polyclonal Antibody

Catalog No :	YP0661
Reactivity :	Human;Mouse
Applications :	WB;IHC;IF;ELISA
Target :	c-Myb
Fields :	>>PI3K-Akt signaling pathway
Gene Name :	MYB
Protein Name :	Transcriptional activator Myb
Human Gene Id :	4602
Human Swiss Prot No :	P10242
Mouse Gene Id :	17863
Mouse Swiss Prot No :	P06876
Immunogen :	The antiserum was produced against synthesized peptide derived from human MYB around the phosphorylation site of Ser12. AA range:1-50
Specificity :	Phospho-c-Myb (S12) Polyclonal Antibody detects endogenous levels of c-Myb protein only when phosphorylated at S12.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band : 65kD

Cell Pathway : PI3K/Akt; Protein_Acetylation

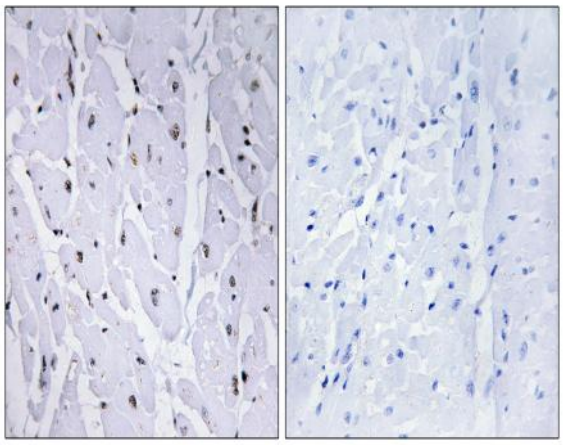
Background : This gene encodes a protein with three HTH DNA-binding domains that functions as a transcription regulator. This protein plays an essential role in the regulation of hematopoiesis. This gene may be aberrently expressed or rearranged or undergo translocation in leukemias and lymphomas, and is considered to be an oncogene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016],

Function : 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.,

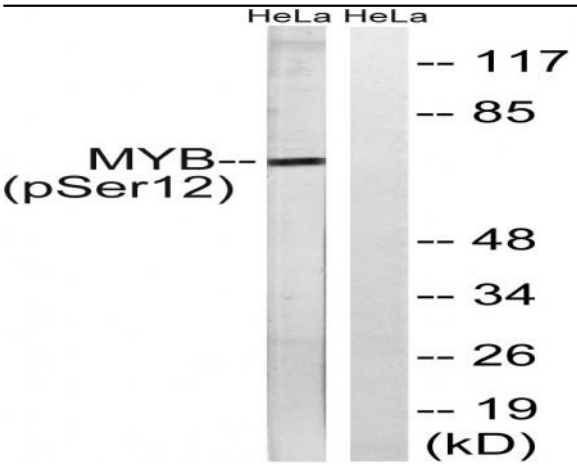
Subcellular Location : Nucleus .

Expression : Liver,Placenta,Testis,

Products Images



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



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.