

B-Myb Polyclonal Antibody

Catalog No :	YT0510
Reactivity :	Human;Mouse;Rat;Rice
Applications :	WB;IP;IF;ELISA
Target :	B-Myb
Fields :	>>Cellular senescence
Gene Name :	MYBL2
Protein Name :	Myb-related protein B
Human Gene Id :	4605
Human Swiss Prot No :	P10244
Mouse Gene Id :	17865
Mouse Swiss Prot No :	P48972
Immunogen :	The antiserum was produced against synthesized peptide derived from human B-Myb. AA range:551-600
Specificity :	B-Myb Polyclonal Antibody detects endogenous levels of B-Myb protein.
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. IF 1:200 - 1:1000. ELISA: 1:20000. Not yet tested in other applications.
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 : 80kD

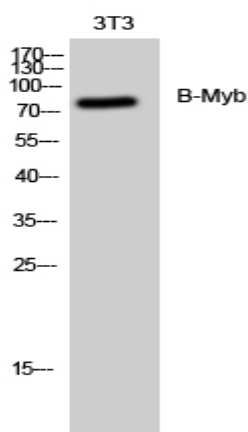
Background : The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2013],

Function : function:Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene.,PTM:Phosphorylated by cyclin A/CDK2 during S-phase. Phosphorylation at Thr-520 is probably involved in transcriptional activity.,similarity:Contains 3 HTH myb-type DNA-binding domains.,subunit:Component of the DREAM complex (also named LINC complex) at least composed of E2F4, E2F5, LIN9, LIN37, LIN52, LIN54, MYBL1, MYBL2, RBL1, RBL2, RBBP4, TFDP1 and TFDP2. The complex exists in quiescent cells where it represses cell cycle-dependent genes. It dissociates in S phase when LIN9, LIN37, LIN52 and LIN54 form a subcomplex that binds to MYBL22.,

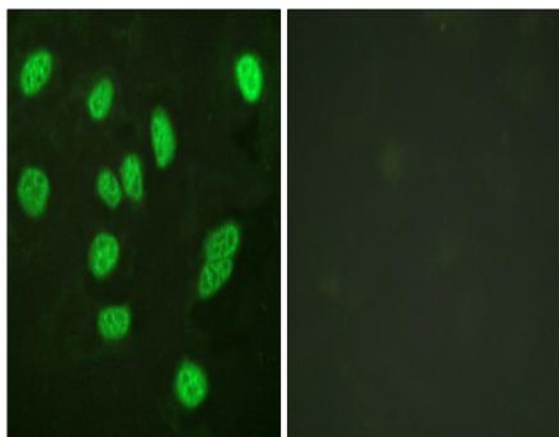
Subcellular Location : Nucleus.

Expression : Brain,Epithelium,Eye,

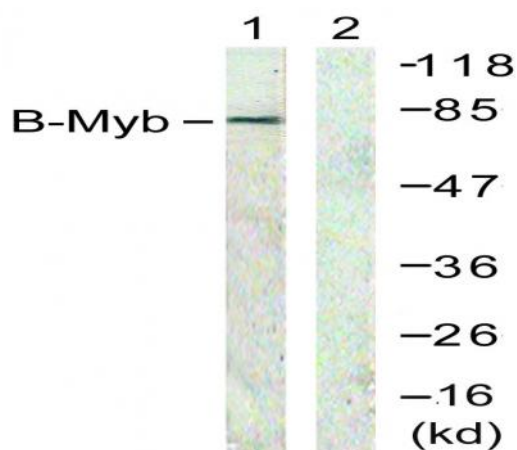
Products Images



Western Blot analysis of 3T3 cells using B-Myb Polyclonal Antibody diluted at 1:2000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Immunofluorescence analysis of HeLa cells, using B-Myb Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from A549 cells, using B-Myb Antibody. The lane on the right is blocked with the synthesized peptide.