

B-Myb Rabbit pAb

CatalogNo: YT0510

Orthogonal Validated Comparable Abs 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat, Rice

Applications

- WB, IP, IF, ELISA

MW

- 80kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**IF 1:200-1:1000****ELISA 1:20000****Not yet tested in other applications.**

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

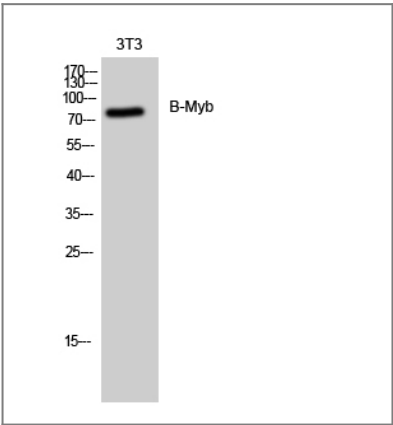
Immunogen Information

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.

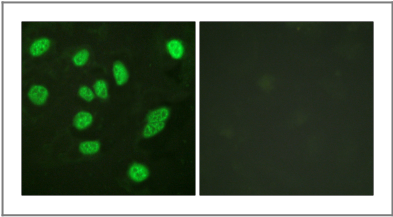
Target Information

Gene name	MYBL2		
Protein Name	Myb-related protein B		
	Organism	Gene ID	UniProt ID
	Human	4605 ;	P10244 ;
	Mouse	17865 ;	P48972 ;
Cellular Localization	Nucleus.		
Tissue specificity	Brain,Epithelium,Eye,		
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.,		

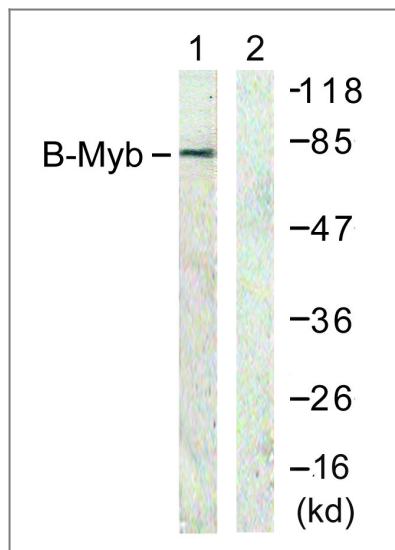
Validation Data



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.

Contact information

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Please scan the QR code
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product information:
B-Myb Rabbit pAb

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