

B-Myb (Phospho Thr494/497) Rabbit pAb

Catalog No :	YP1841
Reactivity :	Human;Mouse
Applications :	IHC;WB
Target :	B-Myb
Fields :	>>Cellular senescence
Gene Name :	MYBL2 BMYB
Protein Name :	Myb-related protein B (B-Myb) (Myb-like protein 2)
Sequence :	P10244
Human Gene Id :	4605
Human Swiss Prot No :	P10244
Mouse Gene Id :	17865
Mouse Swiss Prot No :	P48972
Immunogen :	Synthesized peptide derived from human B-Myb (Phospho Thr494/497)
Specificity :	This antibody detects endogenous levels of B-Myb (Phospho Thr494/497) Rabbit pAb at Human, Mouse
Formulation :	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source :	Rabbit,polyclonal
Dilution :	WB 1:500-2000 IHC 1:50-200
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.

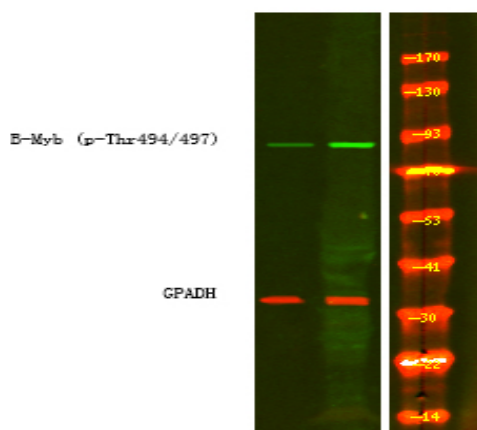
Concentration : 1 mg/ml**Storage Stability :** -15°C to -25°C/1 year(Do not lower than -25°C)**Observed Band :** 80kD

Background : MYB proto-oncogene like 2(MYBL2) Homo sapiens 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 MYBL2.,

Subcellular Location : Nucleus.

Products Images



Western Blot analysis of 1 HeLa cell, 2 LPS 100ng/mL 30min treated, using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000