

B-Myb (Phospho Thr494) Rabbit pAb

CatalogNo: YP1841 **Orthogonal Validated** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- IHC, WB

MW

- 80kD (Observed)

Storage

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

Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-200

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human B-Myb (Phospho Thr494/497)

Specificity This antibody detects endogenous B-Myb when phosphorylated at thr494(human), thr497(mouse)

Target Information

Gene name MYBL2, BMYB

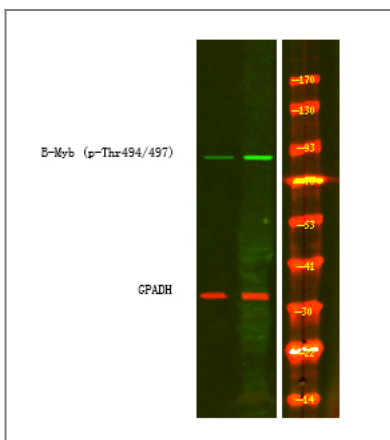
Protein Name Myb-related protein B (B-Myb) (Myb-like protein 2)

Organism	Gene ID	UniProt ID
Human	4605;	P10244;
Mouse	17865;	P48972;

Cellular Localization Nucleus.

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 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

Contact information

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