

## 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

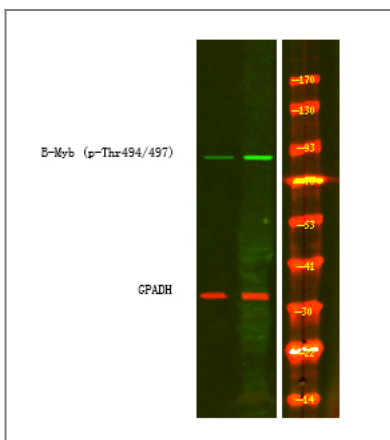
**Protein Name** Myb-related protein B (B-Myb) (Myb-like protein 2)

Organism	Gene ID	UniProt ID
Human	<a href="#">4605;</a>	<a href="#">P10244;</a>
Mouse	<a href="#">17865;</a>	<a href="#">P48972;</a>

**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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