

B-Myb (Phospho Ser577) Rabbit pAb

CatalogNo: YP0540

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF, ELISA

MW

- 80kD (Observed)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:40000

Not yet tested in other applications.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen The antiserum was produced against synthesized peptide derived from human B-Myb around the phosphorylation site of Ser577/581. AA range:551-600

Specificity

Phospho-B-Myb (S577) Polyclonal Antibody detects endogenous levels of B-Myb protein only when phosphorylated at S577. The name of modified sites may be influenced by many factors, such as species (the modified site was not originally found in human samples) and the change of protein sequence (the previous protein sequence is incomplete, and the protein sequence may be prolonged with the development of protein sequencing technology). When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports. The antibody binds to the following modification sequence (lowercase letters are modification sites):RRsPI

Target Information

Gene name MYBL2

Protein Name Myb-related protein B

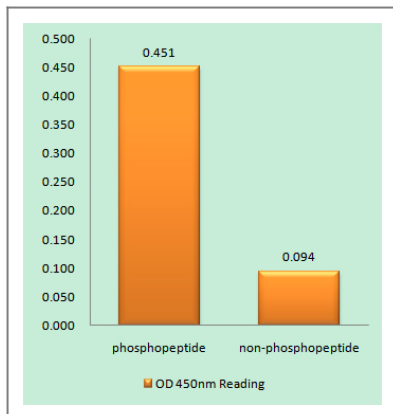
Organism	Gene ID	UniProt ID
Human	4605;	P10244;
Mouse	17865;	P48972;

Cellular Localization Nucleus.

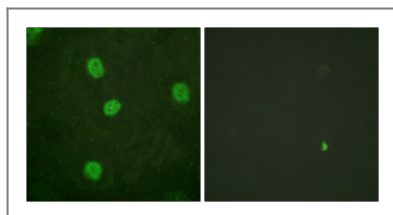
Tissue specificity Brain ,Epithelium ,Eye ,

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. ,

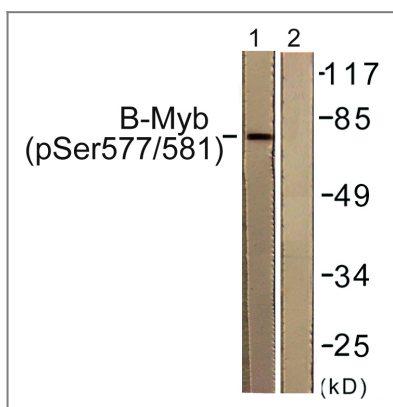
Validation Data



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using B-Myb (Phospho-Ser577/581) Antibody



Immunofluorescence analysis of HeLa cells, using B-Myb (Phospho-Ser577/581) Antibody. The picture on the right is blocked with the phosphopeptide.



Western blot analysis of lysates from K562 cells, using B-Myb (Phospho-Ser577/581) Antibody. The lane on the right is blocked with the phosphopeptide.

Contact information

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Please scan the QR code to access additional product information:
B-Myb (Phospho Ser577) Rabbit pAb

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