c-Myb (Phospho Ser12) Rabbit pAb

CatalogNo: YP0661 Orthogonal Validated

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- WB,IHC,IF,ELISA

MW
- 65kD (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
IHC 1:100-1:300
ELISA 1:5000
IF 1:50-200

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human MYB around the phosphorylation site of Ser12. AA range:1-50

Specificity Phospho-c-Myb (S12) Polyclonal Antibody detects endogenous levels of c-Myb protein only when phosphorylated at S12.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 When naming, we will use the "numbers" in historical reference to keep the sites consistent with the reports.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):YSsDE

Target Information

Gene name MYB

Protein Name Transcriptional activator Myb

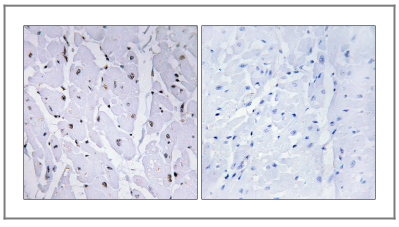
Organism	Gene ID	UniProt ID
Human	4602;	P10242;
Mouse	17863;	P06876;

Cellular Localization Nucleus .

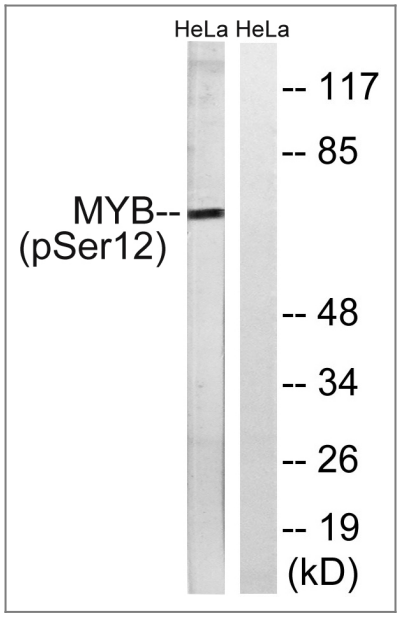
Tissue specificity Liver ,Placenta ,Testis ,

Function Domain:Comprised of 3 domains; an N-terminal DNA-binding domain , a centrally located transcriptional activation domain and a C-terminal domain involved in transcriptional repression. ,Function:Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells. ,PTM:Phosphorylated by NLK on multiple sites , which induces proteasomal degradation. ,PTM:Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. ,similarity:Contains 3 HTH myb-type DNA-binding domains. ,subunit:Binds MYBBP1A. Interacts with HIPK2 , MAF and NLK. ,

Validation Data



Immunohistochemistry analysis of paraffin-embedded human heart, using MYB (Phospho-Ser12) Antibody. The picture on the right is blocked with the phospho peptide.



Western blot analysis of lysates from HeLa cells treated with Hu 2nM 24h, using MYB (Phospho-Ser12) Antibody. The lane on the right is blocked with the phospho peptide.

Contact information

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Please scan the QR code to access additional product information:
c-Myb (Phospho Ser12) Rabbit pAb

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