

## MYBL2 Rabbit pAb

Catalog Number: bs-5960R

Target Protein: MYBL2

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: IHC-P (1:100-500), IHC-F (1:100-500), IF (1:200-800)

Reactivity: Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Dog, Horse)

Predicted MW: 77 kDa

Subcellular Nucleus

Locations:

Entrez Gene: 4605

Swiss Prot: P10244

Source: KLH conjugated synthetic peptide derived from human MYBL2: 101-200/700.

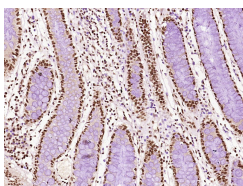
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

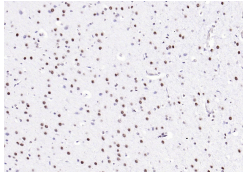
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** Myb-Related Protein B (MYBL2), a member of the MYB family of transcription factor genes, is a nuclear protein involved in the regulation of cell survival, proliferation, and differentiation. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes.

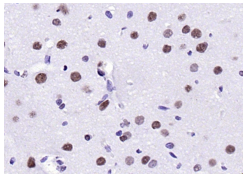
### VALIDATION IMAGES



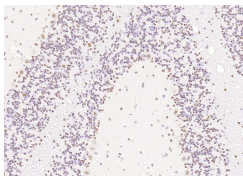
Paraformaldehyde-fixed, paraffin embedded (Human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (B MyB) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



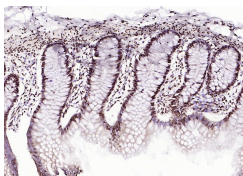
Paraformaldehyde-fixed, paraffin embedded (mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MyB) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



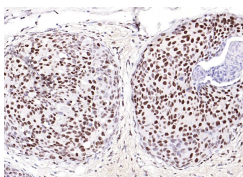
Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (B MyB) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat cerebellum); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MyB) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MYBL2) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human breast carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (MYBL2) Polyclonal Antibody, Unconjugated (bs-5960R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

[IF=5.638] Zhang et al. Demethylzeylasteral inhibits glioma growth by regulating the miR-30e-5p/MYBL2 axis. (2018) Cell.Death.Dis. 9:1035 WB ; Human . 30305611

[IF=6.354] Hao, Yanan. et al. Gut microbiota-testis axis: FMT improves systemic and testicular micro-environment to increase semen quality in type 1 diabetes. MOL MED. 2022 Dec;28(1):1-17 IF ; Mouse . 35468731

[IF=4.2] Zhang, Weidong, et al. "Decrease in male mouse fertility by hydrogen sulfide and/or ammonia can Be inheritable." Chemosphere (2017). IHC ; ="Mouse" . 29202267

[IF=2.923] Pengyan Song, et al. miR-200b/MYBL2/CDK1 suppresses proliferation and induces senescence through cell cycle arrest in ovine granulosa cells. THERIOGENOLOGY. 2023 Sep;207:19 ICC ; Sheep . 37257219