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Goat Anti-BMYB / MYBL2 Antibody
Peptide-affinity purified goat antibody
Catalog # AF1161a

Specification

Goat Anti-BMYB / MYBL2 Antibody - Product Information

Application	**WB**
Primary Accession	P10244
Other Accession	NP_002457, 4605, 17865 (mouse), 296344 (rat)
Reactivity	**Rat**
Predicted	**Human, Mouse, Pig, Dog, Cow**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**100ug/200ul**
Isotype	**IgG**
Calculated MW	**78764**

Goat Anti-BMYB / MYBL2 Antibody - Additional Information

Gene ID 4605

Other Names
Myb-related protein B, B-Myb, Myb-like protein 2, MYBL2, BMYB

Format
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
Goat Anti-BMYB / MYBL2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-BMYB / MYBL2 Antibody - Protein Information

Name MYBL2

Synonyms BMYB

Function
Transcription factor involved in the regulation of cell survival, proliferation, and differentiation. Transactivates the expression of the CLU gene.

Cellular Location

Nucleus.

Goat Anti-BMYB / MYBL2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Goat Anti-BMYB / MYBL2 Antibody - Images



AF1161a (0.1 µg/ml) staining of rat stomach lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-BMYB / MYBL2 Antibody - Background

The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined.

Goat Anti-BMYB / MYBL2 Antibody - References

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Genetic susceptibility to distinct bladder cancer subphenotypes. Guey LT, et al. Eur Urol, 2010 Feb. PMID 19692168.
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Polymorphisms in innate immunity genes and lung cancer risk in Xuanwei, China. Shen M, et al. Environ Mol Mutagen, 2009 May. PMID 19170196.