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MYBL2 Rabbit pAb

Catalog # AP99409

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	P10244
Other Accession	P10244
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	78764
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human MYBL2
Epitope Specificity	101-200/700
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
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.
Post-translational modifications	Phosphorylated by cyclin A/CDK2 during S-phase. Phosphorylation at Thr-520 is probably involved in transcriptional activity.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	4605
Other Names	B-MYB; BMYB; MYBB_HUMAN; MYBL2; Myb-like protein 2; MYBB_MOUSE; MYB proto-oncogene like 2; v-myb avian myeloblastosis viral oncogene homolog-like 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:200-800
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody

is stable for at least two weeks at 2-4 °C.

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.