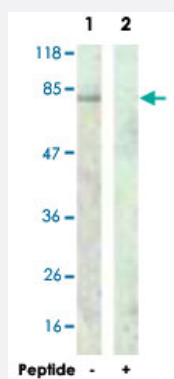


MYBL2 polyclonal antibody

Catalog # PAB18309 Size 100 ug

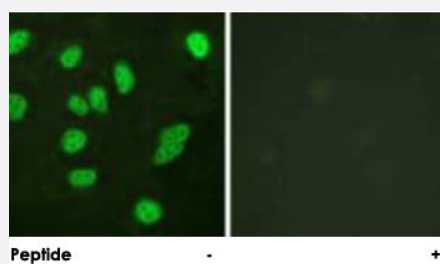
Applications



Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using MYBL2 polyclonal antibody (Cat # PAB18309).

Peptide "+" means "peptide blocking".



Immunofluorescence

Immunofluorescence analysis of HeLa cells, using MYBL2 polyclonal antibody (Cat # PAB18309).

Peptide "+" means "peptide blocking".

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of MYBL2.
Immunogen	A synthetic peptide corresponding to residues surrounding S577/S581 of human MYBL2.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Specificity	This antibody is specific to MYBL2.
Form	Liquid

Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) Immunofluorescence (1:500-1:1000) ELISA (1:20000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of extracts from A-549 cells, using MYBL2 polyclonal antibody (Cat # PAB18309).
Peptide "+" means "peptide blocking".

- Immunofluorescence

Immunofluorescence analysis of HeLa cells, using MYBL2 polyclonal antibody (Cat # PAB18309).
Peptide "+" means "peptide blocking".

- Enzyme-linked Immunoabsorbent Assay

Gene Info — MYBL2

Entrez GeneID	4605
Protein Accession#	P10244
Gene Name	MYBL2
Gene Alias	B-MYB, BMYB, MGC15600
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)-like 2
Omim ID	601415
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

MYB-related protein B|OTTHUMP00000031719|v-myb avian myeloblastosis viral oncogene homolog-like 2

Publication Reference

- [Evolutionarily conserved multisubunit RBL2/p130 and E2F4 protein complex represses human cell cycle-dependent genes in quiescence.](#)

Litovchick L, Sadasivam S, Florens L, Zhu X, Swanson SK, Velmurugan S, Chen R, Washburn MP, Liu XS, DeCaprio JA. Molecular Cell 2007 May; 26(4):539.

Application: WB, Human, T98G cells

- [Global, in vivo, and site-specific phosphorylation dynamics in signaling networks.](#)

Olsen JV, Blagoev B, Gnäd F, Macek B, Kumar C, Mortensen P, Mann M. Cell 2006 Nov; 127(3):635.

- [The DNA sequence and comparative analysis of human chromosome 20.](#)

Deloukas P, Matthews LH, Ashurst J, Burton J, Gilbert JG, Jones M, Stavrides G, Almeida JP, Babbage AK, Bagguley CL, Bailey J, Barlow KF, Bates KN, Beard LM, Beare DM, Beasley OP, Bird CP, Blakey SE, Bridgeman AM, Brown AJ, Buck D, Burrill W, Butler AP, Carder C, Carter NP, Chapman JC, Clamp M, Clark G, Clark LN, Clark SY, Clee CM, Clegg S, Cobley VE, Collier RE, Connor R, Corby NR, Coulson A, Coville GJ, Deadman R, Dhami P, Dunn M, Ellington AG, Frankland JA, Fraser A, French L, Garner P, Grafh Nature 2001 Dec; 414(6866):865.

Disease

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