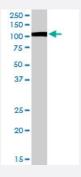


MYBL2 polyclonal antibody

Catalog # PAB6908 Size 100 ug

Applications



Western Blot (Tissue lysate)

MYBL2 polyclonal antibody (Cat # PAB6908) (0.1 ug/mL) staining of rat stomach lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification	
Product Description	Goat polyclonal antibody raised against synthetic peptide of MYBL2.
Immunogen	A synthetic peptide corresponding to human MYBL2.
Sequence	C-QEKARQLLGRLKPSH
Host	Goat
Theoretical MW (kDa)	78.8
Reactivity	Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:32000) Western Blot (0.1-0.3 ug/mL) The optimal working dilution should be determined by the end user.



Product Information

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 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 shoul d be handled by trained staff only.

Applications

Western Blot (Tissue lysate)

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Enzyme-linked Immunoabsorbent Assay

Gene Info — MYBL2	
Entrez GenelD	<u>4605</u>
Protein Accession#	NP_002457.1
Gene Name	MYBL2
Gene Alias	B-MYB, BMYB, MGC15600
Gene Description	v-myb myeloblastosis viral oncogene homolog (avian)-like 2
Omim ID	<u>601415</u>
Gene Ontology	<u>Hyperlink</u>
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 an d repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulinlike 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 hom olog-like 2

Publication Reference



Product Information

A zebrafish bmyb mutation causes genome instability and increased cancer susceptibility.

Shepard JL, Amatruda JF, Stern HM, Subramanian A, Finkelstein D, Ziai J, Finley KR, Pfaff KL, Hersey C, Zhou Y, Barut B, Freedman M, Lee C, Spitsbergen J, Neuberg D, Weber G, Golub TR, Glickman JN, Kutok JL, Aster JC, Zon LI. PNAS 2005 Sep; 102(37):13194.

Disease

- Genetic Predisposition to Disease
- Lung Neoplasms
- Pulmonary Disease
- Urinary Bladder Neoplasms
- Werner syndrome