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anti-MYBL2 antibody (N-Term)

2 Images



Publication



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Quantity:	100 μL
Target:	MYBL2
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Dog, Cow, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYBL2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human MYBL2
Sequence:	RCEDLDELHY QDTDSDVPEQ RDSKCKVKWT HEEDEQLRAL VRQFGQQDWK
Cross-Reactivity:	Cow (Bovine), Dog (Canine), Chicken, Human, Rat (Rattus)
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 85%, Horse: 100%, Human: 100%, Rabbit: 92%, Rat: 78%, Zebrafish: 83%
Characteristics:	This is a rabbit polyclonal antibody against MYBL2. It was validated on Western Blot and immunohistochemistry.
Purification:	Affinity Purified

Target Details

Target:	MYBL2
Alternative Name:	MYBL2 (MYBL2 Products)
Background:	Myb-Related Protein B (MYBL2), 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. Alias Symbols: BMYB, B-MYB Protein Interaction Partner: CCNA1, CDK2, CCNE1, LIN54, SPTBN1, SPTA1, FLNA, CLTC, CLTA, LIN9, UBE2D4, CXCR4, LIN52, LIN37, RBL1, RBBP4, SUMO2, MAP1LC3B, MAPK6, NLK, HIPK2, CREBBP, ZBTB9, TRIM15, LZTR1, CDK9, ZNF622, UBB, TTF2, EP300, SND1, SKP2, MYBL2, NCOR1, NCOR2, PARP1, CCND1, CC Protein Size: 700
Molecular Weight:	79 kDa
Gene ID:	4605
NCBI Accession:	NM_002466, NP_002457
UniProt:	P10244
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases, Chromatin Binding
Application Details	
Application Notes:	WB Suggested Anti-MYBL2 Antibody Titration: 0.2-1 µg/mL Positive Control: HepG2 cell lysate. Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 700 AA
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

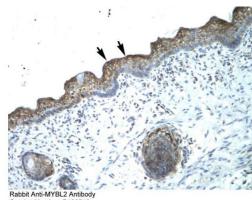
	sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in:

Tashiro, Sumi, Uozumi, Shimizu, Nakamura: "B-Myb-dependent regulation of c-Myc expression by cytosolic phospholipase A2." in: **The Journal of biological chemistry**, Vol. 279, Issue 17, pp. 17715-22, (2004) (PubMed).

Images



Rabbit Anti-MYBL2 Antibody
Catalog Number: P100748
Lot Number: OC0748
Paraffin Embedded Tissue: Human Spermatophore
Cells with Positive label: Epithelial cells (Indicated with Arrows)
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 200X

Immunohistochemistry

Image 1. Human Spermatophore

90 kDa___ 60 kDa__ 42 kDa__ 32 kDa__ 23 kDa__

Western Blotting

Image 2. WB Suggested Anti-MYBL2 Antibody Titration: 0.2-1 ug/ml Positive Control: HepG2 cell lysate MYBL2 is supported by BioGPS gene expression data to be expressed in HepG2