# antibodies -online.com





## anti-MYBL1 antibody (Internal Region)

3

**Images** 

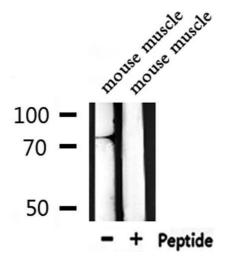


Go to Product page

Overview	
Quantity:	100 μL
Target:	MYBL1
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYBL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunocytochemistry (ICC), Immunofluorescence (IF)
Product Details	
Immunogen:	A synthesized peptide derived from human A-Myb, corresponding to a region within the internal amino acids.
Isotype:	IgG
Specificity:	A-Myb Antibody detects endogenous levels of total A-Myb.
Predicted Reactivity:	Pig,Zebrafish,Bovine,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	MYBL1

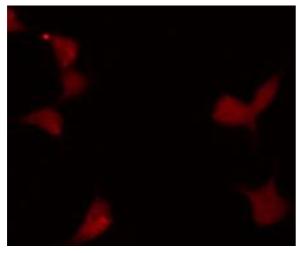
### **Target Details**

Alternative Name:	MYBL1 (MYBL1 Products)
Background:	Description: Transcription factor that specifically recognizes the sequence 5'-YAAC[GT]G-3'
	(PubMed:8058310, PubMed:7987850). Acts as a master regulator of male meiosis by
	promoting expression of piRNAs: activates expression of both piRNA precursor RNAs and
	expression of protein-coding genes involved in piRNA metabolism (By similarity). The piRNA
	metabolic process mediates the repression of transposable elements during meiosis by
	forming complexes composed of piRNAs and Piwi proteins and governs the methylation and
	subsequent repression of transposons, which is essential for the germline integrity (By
	similarity).
	Gene: MYBL1
Molecular Weight:	85kDa
Gene ID:	4603
UniProt:	P10243
Pathways:	Cell Division Cycle, Chromatin Binding
Application Details	
Application Notes:	WB 1:1000, IF/ICC 1:100-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 S
	glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



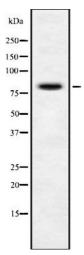
#### **Western Blotting**

**Image 1.** Western blot analysis of extracts from mouse muscle, using A-Myb Antibody.



#### Immunofluorescence (fixed cells)

Image 2. ABIN6272240 staining LOVO by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.



#### **Western Blotting**

**Image 3.** Western blot analysis of A-Myb using LOVO whole cell lysates