

Datasheet for ABIN389068

**anti-MYB antibody (Sumoylation Site)****2** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	MYB
Binding Specificity:	AA 506-534, Sumoylation Site
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYB antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This Myb Sumoylation Site antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 506-534 amino acids from human Myb Sumoylation Site.
Clone:	RB2559
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	MYB
Alternative Name:	Myb ( <a href="#">MYB Products</a> )

## Target Details

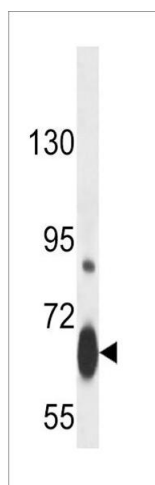
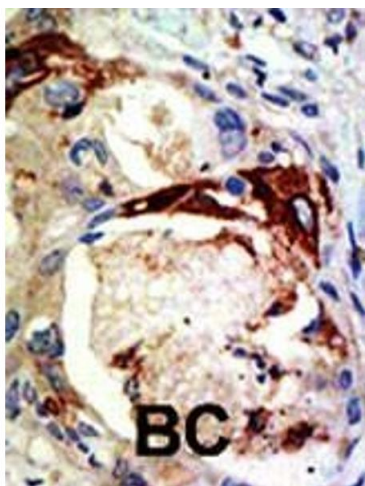
Background:	Myb is a transcriptional activator, DNA-binding protein that recognizes the sequence 5'-YAAC[GT]G-3'. It participates in the control of proliferation and differentiation of hematopoietic progenitor cells. Myb is a transcription factor related to Myc, and is expressed predominantly in haematopoietic cells and immature gastroepithelial cells. TRAF7 stimulates the sumoylation of Myb at Lys-523 and Lys-499, which are the same sites as those used for PIASy-induced sumoylation. A correlation has been established between reduction in sumoylation of Myb and increase in transcriptional activation. Negative influence on transactivation properties by the negative regulatory domain region of c-Myb depends on upon sumoylation.
Molecular Weight:	72341
NCBI Accession:	<a href="#">NP_001123644</a> , <a href="#">NP_001123645</a> , <a href="#">NP_001155128</a> , <a href="#">NP_001155129</a> , <a href="#">NP_001155130</a> , <a href="#">NP_001155131</a> , <a href="#">NP_001155132</a> , <a href="#">NP_005366</a>
UniProt:	<a href="#">P10242</a>
Pathways:	<a href="#">Chromatin Binding</a> , <a href="#">Positive Regulation of Immune Effector Process</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C.
Expiry Date:	6 months



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### Western Blotting

**Image 2.** Myb Antibody (Sumo) (ABIN389068 and ABIN2839272) western blot analysis in mouse heart tissue lysates (35 µg/lane). This demonstrates the Myb antibody detected the Myb protein (arrow).