



[Go to Product page](#)

Datasheet for ABIN3029530
anti-MYB antibody (AA 506-534)

3 Images

Overview

Quantity:	0.4 mL
Target:	MYB
Binding Specificity:	AA 506-534
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A portion of amino acids 506-534 from the human protein was used as the immunogen for this Myb antibody.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	MYB
Alternative Name:	Myb (MYB Products)
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

Target Details

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.

UniProt: [P10242](#)

Pathways: [Chromatin Binding](#), [Positive Regulation of Immune Effector Process](#)

Application Details

Application Notes: Titration of the Myb antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. IHC (Paraffin): 1:50-1:100,Western blot: 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

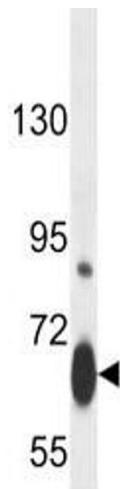
Buffer: In 1X PBS, pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

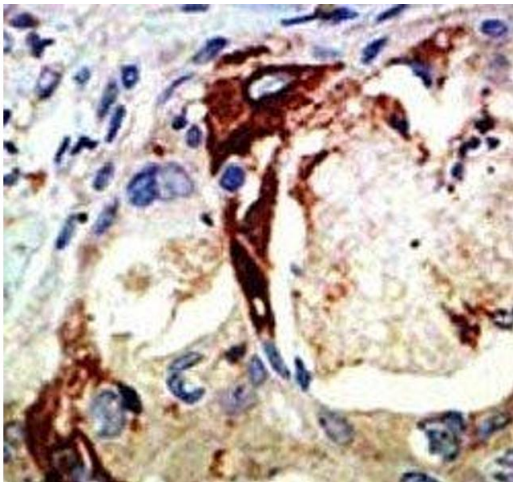
Storage: -20 °C

Storage Comment: Aliquot the Myb antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.



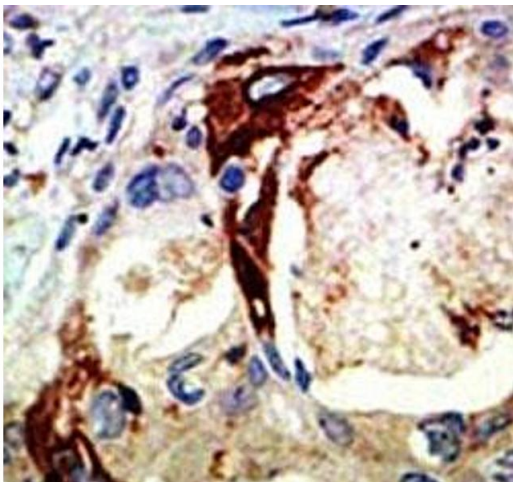
Western Blotting

Image 1. Myb antibody western blot analysis in mouse heart tissue lysate. Predicted molecular weight ~ 72 kDa.



Immunohistochemistry

Image 2. IHC analysis of FFPE human breast carcinoma tissue stained with the Myb antibody



Immunohistochemistry

Image 3. IHC analysis of FFPE human breast carcinoma tissue stained with the Myb antibody