

# Myb Sumoylation Site Antibody

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP2500a

## Product Information

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<b>Application</b>	IHC-P, WB, E
<b>Primary Accession</b>	<a href="#">P10242</a>
<b>Reactivity</b>	Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB2559
<b>Antigen Region</b>	506-534

## Additional Information

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<b>Other Names</b>	Transcriptional activator Myb, Proto-oncogene c-Myb, MYB
<b>Target/Specificity</b>	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.
<b>Dilution</b>	IHC-P~~1:100~500 WB~~1:1000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	Myb Sumoylation Site Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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.

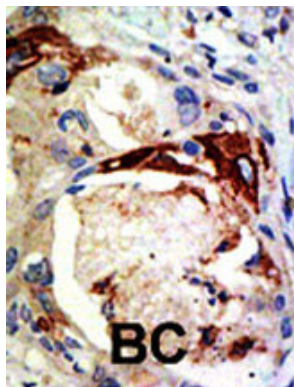
## References

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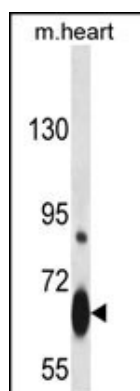
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## Images

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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.



Myb Antibody (Sumo) (Cat. #AP2500a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the Myb antibody detected the Myb protein (arrow).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.