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Anti-c-Myb Picoband Antibody

Catalog # ABO11979

Product Information

Application	WB
Primary Accession	P10242
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Transcriptional activator Myb(MYB) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	4602
Other Names	Transcriptional activator Myb, Proto-oncogene c-Myb, MYB
Calculated MW	72341
Application Details	Western blot, 0.1-0.5 □g/ml, Human
Subcellular Localization	Nucleus .
Source	Eukaryota
Protein Name	Transcriptional activator Myb
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg NaN3.
Immunogen	E.coli-derived human c-Myb recombinant protein (Position: M1-E201). Human c-Myb shares 100% amino acid (aa) sequence identity with mouse c-Myb.
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20˚C for one year. After r˚Constitution, at 4˚C for one month. It˚Can also be aliquotted and stored frozen at -20˚C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Contains 3 HTH myb-type DNA-binding domains.

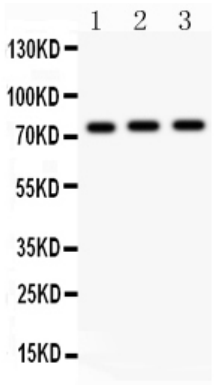
Protein Information

Name	MYB
Function	Transcriptional activator; DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3'. Plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells.
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00625, ECO:0000269|PubMed:19646965}

Background

Myb proto-oncogene protein, also known as transcriptional activator Myb, is a protein that in humans is encoded by the MYB gene. It is a member of the MYB (myeloblastosis) family of transcription factors. This gene is mapped to 6q23.3.The protein contains three domains, an N-terminal DNA-binding domain, a central transcriptional activation domain and a C-terminal domain involved in transcriptional repression. This protein plays an essential role in the regulation of hematopoiesis and may play a role in tumorigenesis, including the regulation of miR-155 in B-cells. MYB is also a critical target of MIR150.

Images



Anti- c-Myb Picoband antibody, ABO11979, Western blottingAll lanes: Anti c-Myb (ABO11979) at 0.5ug/mlLane 1: Human Placenta Tissue Lysate at 50ugLane 2: SMMC Whole Cell Lysate at 40ugLane 3: HELA Whole Cell Lysate at 40ugPredicted bind size: 74KDObserved bind size: 74KD