

Anti-c-Myb Antibody

Catalog Number: A00157

About Myb

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.

Overview

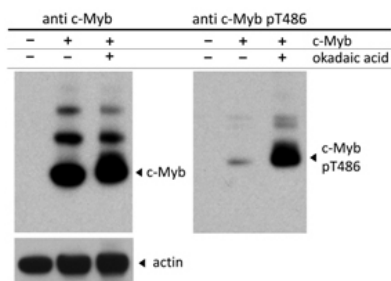
Product Name	Anti-c-Myb Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-c-Myb Antibody catalog # A00157. Tested in WB applications. This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Each vial contains the specific antibody at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Goat
Uniprot ID	P06876

Technical Details

Immunogen	Synthetic peptide with sequence C-HRDQTVKTQKENT, corresponding to the internal region of the protein sequence.
Predicted Reactive Species	Bovine, Canine, Pig
Form	Liquid
Concentration	1.51 by UV absorbance at 280 nm
Purification	Immunogen Affinity Purified
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
Western blot, 0.5-1.5ug/ml.

Anti-c-Myb Antibody (A00157) Images



Western blot analysis of c-Myb pT486 expression in Cos7 cells were either null for c-Myb (lane 1), Cos7 cell lysates transfected with c-myb, no treatment (lane 2) and Cos7 cell lysates transfected with c-Myb and treated with okadaic acid to induce phosphorylation of c-Myb (lane 3). Primary antibody: The left blot was probed with anti-c-Myb antibody, the right blot was probed with anti-c-Myb pT486 affinity purified polyclonal antibody (Catalog # A00157) at 1:2500 for overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system.

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