ARG65242
anti-c-Myb antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes c-Myb
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Cow, Dog, Pig
Tested Application	WB
Specificity	This antibody is expected to recognize all reported isofoms. (NP_001123645.1; NP_005366.2; NP_001123644.1; NP_001155128.1; NP_001155129.1; NP_001155130.1; NP_001155131.1; NP_001155132.1).
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	c-Myb
Species	Human
Immunogen	C-HRDQTVKTQKENT
Conjugation	Un-conjugated
Alternate Names	Transcriptional activator Myb; Proto-oncogene c-Myb; c-myb_CDS; c-myb; Cmyb; efg

Application Instructions

Application table

Application	Dilution
WB	0.5 - 1.5 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

	before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 4602 Human Swiss-port # P10242 Human
Background	This gene encodes a transcription factor that is a member of the MYB family of transcription factor genes. 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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2009]
Research Area	Cancer antibody; Gene Regulation antibody
Calculated Mw	72 kDa
PTM	Ubiquitinated; mediated by SIAH1 and leading to its subsequent proteasomal degradation. Phosphorylated by NLK on multiple sites, which induces proteasomal degradation. Phosphorylated by HIPK1. This phosphorylation reduces MYB transcription factor activity but not MYB protein levels.

Images

ARG65242 anti-c-Myb antibody WB image

Western Blot: Jurkat lysate (35 µg protein in RIPA buffer) stained with ARG65242 anti-c-Myb (aa557-569) antibody at 0.5 µg/ml dilution.