

MYB/c-Myb Polyclonal antibody

Catalog Number: 17800-1-AP

11 Publications

Basic Information

Catalog Number:

17800-1-AP

Size:

750 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12021

GenBank Accession Number:

BC064955

GeneID (NCBI):

4602

UNIPROT ID:

P10242

Full Name:

v-myb myeloblastosis viral oncogene homolog (avian)

Calculated MW:

640 aa, 72 kDa

Observed MW:

40-50 kDa, 72-80 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

IP, WB, ELISA

Cited Applications:

WB, IF, RIP, CoIP

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : HL-60 cells, Jurkat cells, MOLT-4 cells

IP : HL-60 cells,

Background Information

The MYB protein is a transcription factor that plays a key role in regulating the proliferation/ differentiation of progenitor cells in bone marrow, colonic crypts, and neurogenic niches [PMID:18574464]. It is involved in the regulation of epithelial-to-mesenchymal transition (EMT) and invasion in neuroblastoma, colon carcinoma, and embryonic kidney cells through the upregulation of the transcription repressor Slug [PMID:20622260]. It also a DNA-binding protein that specifically recognize the sequence 5'-YAAC[GT]G-3', and plays an important role in the control of proliferation and differentiation of hematopoietic progenitor cells. MYB exists some isoforms with MV 85, 75, 72, 68, 63 and 40 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiaoteng Cui	30321081	RNA Biol	WB, CoIP
Qiang Shan	34615872	Nat Commun	WB
Tingting Niu	34615873	Nat Commun	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

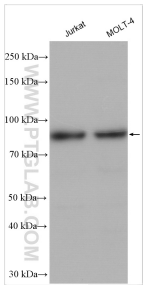
For technical support and original validation data for this product please contact:

T: 4006900926

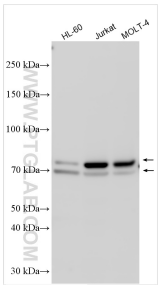
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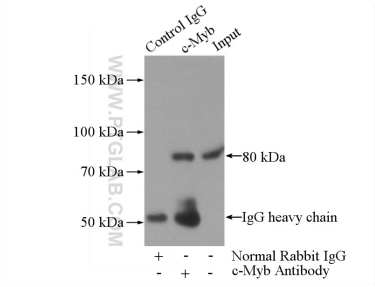
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17800-1-AP (c-Myb antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 17800-1-AP (c-Myb antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



IP result of anti-MYB/c-Myb (IP:17800-1-AP, 4ug; Detection:17800-1-AP 1:300) with HL-60 cells lysate 4000ug.