

Product datasheet for **AP20174PU-N**

c-Myb (MYB) (557-569) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	Peptide ELISA: Detection Limit: 1/8000. Western blot: 0.5-1.5 µg/ml. Detects a band of Approx 85 kDa in lysates of cell line Jurkat.
Reactivity:	Bovine, Canine, Human, Mouse, Porcine, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide corresponding to internal region of Human c-Myb
Specificity:	This antibody is expected to recognize all reported isoforms (NP_001123645.1; NP_005366.2; NP_001123644.1; NP_001155128.1; NP_001155129.1; NP_001155130.1; NP_001155131.1; NP_001155132.1).
Formulation:	Tris saline, pH 7.3 containing 0.02% Sodium Azide as preservative and 0.5% BSA as stabilizer State: Aff - Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation followed by Antigen Affinity Chromatography using the immunizing peptide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	MYB proto-oncogene, transcription factor
Database Link:	Entrez Gene 17863 Mouse Entrez Gene 4602 Human P10242



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Background:

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.

Synonyms:

c-Myb

Note:

Calculated Molecular Weight: 85.5kDa according to NP_001123645.1).

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS, Stem cell - Pluripotency, Transcription Factors

Product images:

Western blot analysis: MYB antibody staining of Jurkat lysate at 0.5 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.