10320 Camino Santa Fe, Suite G
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# Goat Anti-c-Myb (aa281-294) Antibody

**Peptide-affinity purified goat antibody**
**Catalog # AF1700a**

## Specification

### Goat Anti-c-Myb (aa281-294) Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC** |
| Primary Accession | P10242 |
| Other Accession | NP_005366, 4602, 17863 (mouse) |
| Reactivity | **Human** |
| Predicted | **Mouse, Rat, Dog** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Concentration | **100ug/200ul** |
| Isotype | **IgG** |
| Calculated MW | **72341** |

### Goat Anti-c-Myb (aa281-294) Antibody - Additional Information

**Gene ID** 4602

**Other Names**
Transcriptional activator Myb, Proto-oncogene c-Myb, MYB

**Format**
0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
Goat Anti-c-Myb (aa281-294) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Goat Anti-c-Myb (aa281-294) Antibody - 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}

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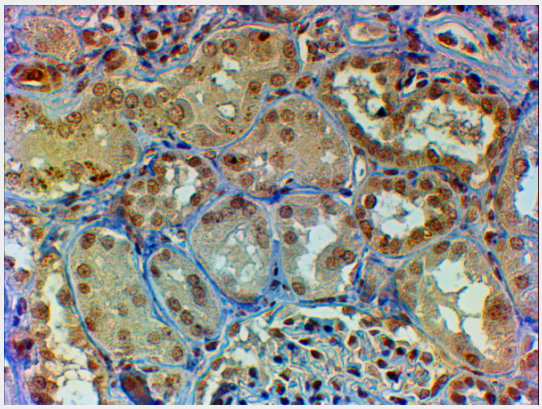
## Goat Anti-c-Myb (aa281-294) Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Goat Anti-c-Myb (aa281-294) Antibody - Images

AF1700a (x µg/ml) staining of Human Colon lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



AF1700a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

## Goat Anti-c-Myb (aa281-294) Antibody - 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.

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**Goat Anti-c-Myb (aa281-294) Antibody - References**

Analyses of shared genetic factors between asthma and obesity in children. Mel□n E, et al. J Allergy Clin Immunol, 2010 Sep. PMID 20816195.
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A human B-cell interactome identifies MYB and FOXM1 as master regulators of proliferation in germinal centers. Lefebvre C, et al. Mol Syst Biol, 2010 Jun 8. PMID 20531406.
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