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# BACH1 (aa250-263) Antibody (internal region)

**Peptide-affinity purified goat antibody**
**Catalog # AF3979a**

## Specification

### BACH1 (aa250-263) Antibody (internal region) - Product Information

| | |
|---|---|
| Application | **WB** |
| Primary Accession | O14867 |
| Other Accession | NP_001177.1, 571 |
| Reactivity | **Human** |
| Host | **Goat** |
| Clonality | **Polyclonal** |
| Concentration | **0.5 mg/ml** |
| Isotype | **IgG** |
| Calculated MW | **81958** |

### BACH1 (aa250-263) Antibody (internal region) - Additional Information

**Gene ID** 571

**Other Names**
Transcription regulator protein BACH1, BTB and CNC homolog 1, HA2303, BACH1

**Format**
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 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**
BACH1 (aa250-263) Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

### BACH1 (aa250-263) Antibody (internal region) - Protein Information

**Name** BACH1 {ECO:0000303|PubMed:9544839, ECO:0000312|HGNC:HGNC:935}

**Function**
Transcriptional regulator that acts as a repressor or activator, depending on the context. Binds to NF-E2 DNA binding sites. Plays important roles in coordinating transcription activation and repression by MAFK (By similarity). Together with MAF, represses the transcription of genes under the control of the NFE2L2 oxidative stress pathway (PubMed:<a href="http://www.uniprot.org/citations/24035498" target="_blank">24035498</a>).

**Cellular Location**
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:24035498}

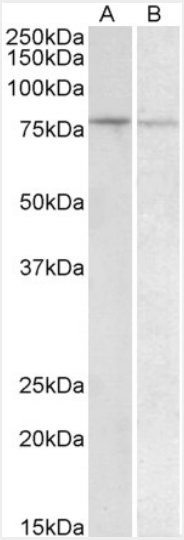
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## BACH1 (aa250-263) Antibody (internal region) - Protocols

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

## BACH1 (aa250-263) Antibody (internal region) - Images




AF3979a (1 µg/ml) staining of Human Peripheral Blood Lymphocytes (A) and Human Spleen (B) lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## BACH1 (aa250-263) Antibody (internal region) - Background

Reported variants represent identical protein: NP_996749.1, NP_001177.1

## BACH1 (aa250-263) Antibody (internal region) - References

Transcription-independent role of Bach1 in mitosis through a nuclear exporter Crm1-dependent mechanism. Li J, Shiraki T, Igarashi K. FEBS letters 2012 Feb 586 (4): 448-54. PMID: 22289179