

BACH1 (aa250-263) Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3979a**Specification**

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

Application	WB, E
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

Dilution

WB~~1:1000

E~~N/A

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:24035498).

Cellular Location

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

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 Cytometry](#)
- [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