

**BACH1 Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP14658b****Specification**

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**BACH1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">O14867</a>
Other Accession	<a href="#">NP_001177.1</a> , <a href="#">NP_996749.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	81958
Antigen Region	670-698

**BACH1 Antibody (C-term) - Additional Information****Gene ID** 571**Other Names**

Transcription regulator protein BACH1, BTB and CNC homolog 1, HA2303, BACH1

**Target/Specificity**

This BACH1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 670-698 amino acids from the C-terminal region of human BACH1.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

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

**Precautions**

BACH1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**BACH1 Antibody (C-term) - 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

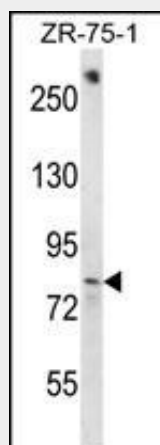
Nucleus {ECO:0000255|PROSITE-ProRule:PRU00978, ECO:0000269|PubMed:24035498}

### BACH1 Antibody (C-term) - 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 Antibody (C-term) - Images



BACH1 Antibody (C-term) (Cat. #AP14658b) western blot analysis in ZR-75-1 cell line lysates (35ug/lane). This demonstrates the BACH1 antibody detected the BACH1 protein (arrow).

### BACH1 Antibody (C-term) - Background

This gene encodes a transcription factor that belongs to the cap'n'collar type of basic region leucine zipper factor family (CNC-bZip). The encoded protein contains broad complex, tramtrack, bric-a-brac/poxvirus and zinc finger (BTB/POZ) domains, which is atypical of CNC-bZip family members. These BTB/POZ domains facilitate protein-protein interactions and formation of homo- and/or hetero-oligomers. When this encoded protein forms a heterodimer with MafK, it functions as a repressor of Maf recognition element (MARE) and transcription is repressed. Multiple alternatively spliced transcript variants have been identified for this gene.

### BACH1 Antibody (C-term) - References

Miyazaki, T., et al. Cancer Sci. 101(6):1409-1416(2010)  
Hou, W., et al. Hepatology 51(5):1494-1504(2010)  
Gong, Z., et al. Mol. Cell 37(3):438-446(2010)  
Zhong, J.L., et al. Free Radic. Biol. Med. 48(2):196-206(2010)  
Goven, D., et al. FEBS Lett. 583(21):3508-3518(2009)