

BACH1 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP14658b**Specification**

BACH1 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [O14867](#)**BACH1 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 571**Other Names**

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

BACH1 Antibody (C-term) Blocking Peptide - 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) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

BACH1 Antibody (C-term) Blocking Peptide - Images

BACH1 Antibody (C-term) Blocking Peptide - 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 a 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) Blocking Peptide - 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)