

**BACH2 Antibody (C-term) Blocking peptide**  
Synthetic peptide  
Catalog # BP10133b

**Specification**

---

**BACH2 Antibody (C-term) Blocking peptide - Product Information**

Primary Accession [O9BYV9](#)  
Other Accession [NP\\_001164265.1](#), [NP\\_068585.1](#)

**BACH2 Antibody (C-term) Blocking peptide - Additional Information**

Gene ID 60468

**Other Names**

Transcription regulator protein BACH2, BTB and CNC homolog 2, BACH2

**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.

**BACH2 Antibody (C-term) Blocking peptide - Protein Information**

Name BACH2

**Function**

Transcriptional regulator that acts as a repressor or activator (By similarity). Binds to Maf recognition elements (MARE) (By similarity). Plays an important role in coordinating transcription activation and repression by MAFK (By similarity). Induces apoptosis in response to oxidative stress through repression of the antiapoptotic factor HMOX1 (PubMed:<a href="http://www.uniprot.org/citations/17018862" target="\_blank">17018862</a>). Positively regulates the nuclear import of actin (By similarity). Is a key regulator of adaptive immunity, crucial for the maintenance of regulatory T-cell function and B-cell maturation (PubMed:<a href="http://www.uniprot.org/citations/28530713" target="\_blank">28530713</a>).

**Cellular Location**

Cytoplasm. Nucleus {ECO:0000255|PROSITE- ProRule:PRU00978, ECO:0000269|PubMed:17018862, ECO:0000269|PubMed:28530713}. Note=Nucleocytoplasmic shuttling is controlled by phosphorylation.

**Tissue Location**

B-cell specific.

## **BACH2 Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

## **BACH2 Antibody (C-term) Blocking peptide - Images**

## **BACH2 Antibody (C-term) Blocking peptide - References**

Hinks, A., et al. Ann. Rheum. Dis. (2010) In press :Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Dubois, P.C., et al. Nat. Genet. 42(4):295-302(2010)Pierce, B.L., et al. Hum. Hered. 69(3):193-201(2010)Barrett, J.C., et al. Nat. Genet. 41(6):703-707(2009)