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BACH2 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP10133b

Specification

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

Primary Accession	Q9BYV9
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:17018862). 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:28530713).

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.

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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)