

BACH1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51009

Product Information

Application	WB, IHC, IF, IC
Primary Accession	Q14867
Reactivity	Human, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81958

Additional Information

Gene ID	571
Other Names	Transcription regulator protein BACH1, BTB and CNC homolog 1, HA2303, BACH1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human BACH1. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC~~1:100~500 IF~~1:50~200 IC~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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}

Background

Transcriptional regulator that acts as repressor or activator. Binds, in vitro, to NF-E2 binding sites. Play important roles in coordinating transcription activation and repression by MAFK.

References

- Blouin J.-L.,et al.Hum. Genet. 102:282-288(1998).
Ohira M.,et al.Genomics 47:300-306(1998).
Taudien S.,et al.Submitted (JAN-1999) to the EMBL/GenBank/DDBJ databases.
Hattori M.,et al.Nature 405:311-319(2000).
Beausoleil S.A.,et al.Nat. Biotechnol. 24:1285-1292(2006).

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