

BACH1 Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP51009

Product Information

Application WB, IHC, IF, IC **Primary Accession** 014867

Pagativity

Reactivity Human, Monkey

HostRabbitClonalityPolyclonalCalculated MW81958

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).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.