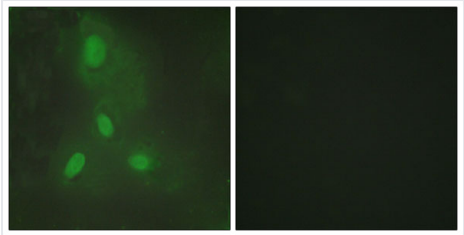
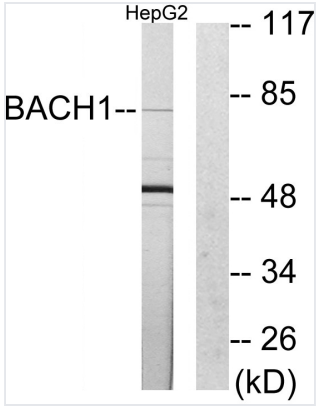
BACH1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	BACH1, Polyclonal Antibody
Full Product Name	BACH1 Antibody
Product Gene Name	anti-BACH1 antibody
Product Synonym Names	BAC1; BTB and CNC homolog 1; HA2303; Transcription regulator protein BACH1
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purity/Purification	Purified from rabbit antiserum by affinity-chromatography using immunogen.
Concentration	1 mg/ml (lot specific)
Specificity	BACH1 Antibody detects endogenous levels of total BACH1 protein.
Preparation and Storage	Stable at -20 degree C for at least 1 year.
Molecular Weight	81 kDa
OMIM	AF026199 mRNA
3D Structure	ModBase 3D Structure for O14867
Target Modification	Unmodified/Total
Immunogen	The antiserum was produced against synthesized peptide derived from human BACH1.
Immunogen Range	131-180
Applications Tested/Suitable for anti-BACH1 antibody	Western Blot (WB), Immunofluorescence (IF), ELISA (EIA)
Application Notes for anti-BACH1 antibody	WB: 1:500~1:1000 IF: 1:100~1:500 ELISA: 1:20000
Related Product Information for anti-BACH1 antibody	MBS9504812 is an antibody targeting BACH1. Also known as BACH1 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-BACH1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunofluorescence (IF) of anti-BACH1 antibody
Immunofluorescence analysis of HeLa cells, using BACH1 Antibody. The picture on the right is blocked with the synthesized peptide.



Western Blot (WB) of anti-BACH1 antibody
Western blot analysis of lysates from HepG2 cells, using BACH1 Antibody. The lane on the right is blocked with the synthesized peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for BACH1. It may not necessarily be applicable to this product.

NCBI GI #	4502353
NCBI GeneID	571
NCBI Accession #	NP_001177.1
UniProt Primary Accession #	O14867
UniProt Secondary Accession #	O43285; Q6ICU0
UniProt Related Accession #	O14867
GenBank Nucleotide #	NM_001186.3
NCBI Official Full Name	transcription regulator protein BACH1
NCBI Official Synonym Full Names	BTB domain and CNC homolog 1
NCBI Official Symbol	BACH1
NCBI Official Synonym Symbols	BACH-1; BTBD24
UniProt Protein Name	Transcription regulator protein BACH1
UniProt Synonym Protein Names	BTB and CNC homolog 1; HA2303
Protein Family	Transcription regulator protein
UniProt Gene Name	BACH1
NCBI Protein Information	transcription regulator protein BACH1
NCBI Summary for BACH1	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 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. [provided by RefSeq, May 2009]
UniProt Comments for BACH1	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.
Research Articles on BACH1	**1.** these findings suggested that increased miR-155 expression in activated monocytes leads to enhanced phagocytic activity via BACH-1 regulation in beta-thalassemia/HbE.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/bach1/9504812