



# BACH1 Polyclonal Antibody

Catalog No	BYab-01560
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	BACH1
Protein Name	Transcription regulator protein BACH1
Immunogen	The antiserum was produced against synthesized peptide derived from human BACH1. AA range:131-180
Specificity	BACH1 Polyclonal Antibody detects endogenous levels of BACH1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BACH1; Transcription regulator protein BACH1; BTB and CNC homolog 1; HA2303
Observed Band	100kD
Cell Pathway	Nucleus .
Tissue Specificity	Epithelium,Placenta,Trachea,
Function	function: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.,similarity:Belongs to the bZIP family.,similarity:Belongs to the bZIP family. CNC subfamily.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 1 bZIP domain.,
Background	This gene encodes a transcription factor that belongs to the cap&apos;n&apos;collar type of basic region leucine zipper factor family (CNC-bZip). The encoded protein contains broad complex, tramtrack,

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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],

**matters needing attention**

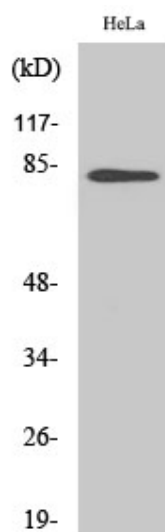
Avoid repeated freezing and thawing!

**Usage suggestions**

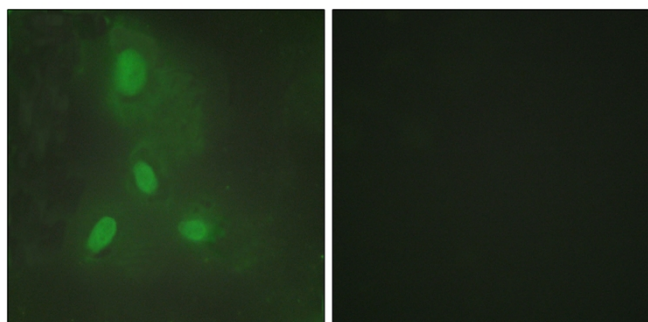
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



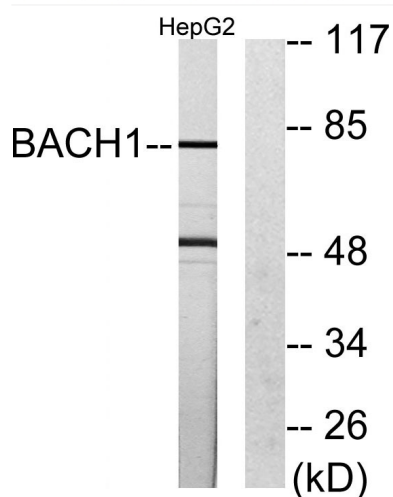
## Products Images



Western Blot analysis of various cells using BACH1 Polyclonal Antibody



Immunofluorescence analysis of HeLa cells, using BACH1 Antibody. The picture on the right is blocked with the synthesized peptide.



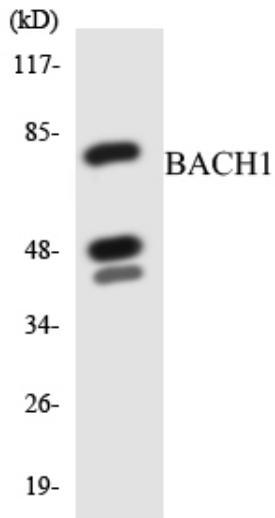
Western blot analysis of lysates from HepG2 cells, using BACH1 Antibody. The lane on the right is blocked with the synthesized peptide.

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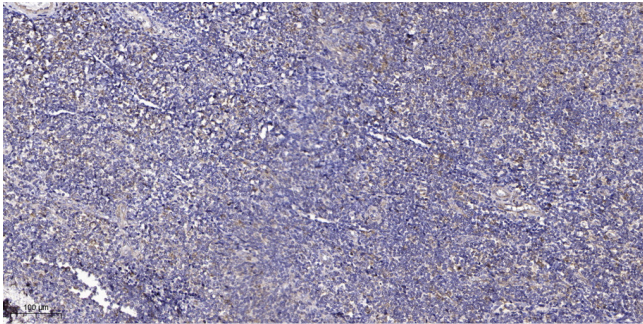
网址: [www.njbybio.com](http://www.njbybio.com)

官方热线: 025-5229-8998

监督电话: 15950492658



Western blot analysis of the lysates from HeLa cells using BACH1 antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).