



## Rabbit Anti-BACH1 antibody

SL8768R

<b>Product Name:</b>	BACH1
<b>Chinese Name:</b>	转录调节蛋白BACH1.3抗体
<b>Alias:</b>	BACH 1; BACH 1.3; Bach1; BACH1_HUMAN; Basic leucine zipper transcription factor 1; basic region leucine zipper transcriptional regulator BACH1; BTB and CNC homolog 1; BTB and CNC homology 1; BTB and CNC homology 1, basic leucine zipper transcription factor 1; HA2303; OTTHUMP00000096563; OTTHUMP00000096564; Transcription regulator protein BACH1.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Pig,Cow,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	82kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human BACH1:501-600/736
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**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.

**Subcellular Location:**

Nucleus.

**Similarity:**

Belongs to the bZIP family. CNC subfamily.  
Contains 1 BTB (POZ) domain.  
Contains 1 bZIP domain.

**SWISS:**

O14867

**Gene ID:**

571

**Database links:**

[Entrez Gene: 571](#) Human

[Entrez Gene: 12013](#) Mouse

[Entrez Gene: 304127](#) Rat

[Omim: 602751](#) Human

[SwissProt: O14867](#) Human

[SwissProt: P97302](#) Mouse

[Unigene: 154276](#) Human

[Unigene: 721915](#) Human

[Unigene: 26147](#) Mouse

[Unigene: 29793](#) Rat

	<p><b>Important Note:</b></p>
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