

For Research Use Only

# BACH1 Recombinant antibody

Catalog Number: 82842-7-RR



## Basic Information

<b>Catalog Number:</b> 82842-7-RR	<b>GenBank Accession Number:</b> BC063307	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 571	<b>CloneNo.:</b> 4K14
<b>Source:</b> Rabbit	<b>ENSEMBL Gene ID:</b> ENSG00000156273	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF/ICC 1:50-1:500
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> O14867	
<b>Immunogen Catalog Number:</b> AG5128	<b>Full Name:</b> BTB and CNC homology 1, basic leucine zipper transcription factor 1	
	<b>Calculated MW:</b> 82 kDa	
	<b>Observed MW:</b> 100-110 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human, rat, pig	<b>WB :</b> HEK-293 cells, Jurkat cells, K-562 cells, Raji cells, rat brain tissue, pig brain tissue
	<b>IF/ICC :</b> HeLa cells,

## Background Information

BTB and CNC homology 1, basic leucine zipper transcription factor 1(BACH1) is a heme-regulated transcriptional regulator that acts as a repressor or activator and a member of the AP-1 superfamily. MafK belongs to the small Maf family that can function as transcriptional activators or repressors depending on the proteins with which they form heterodimers. BACH1 has crucial roles in both stress responses and transformation by H-RasV12. The molecular weight of expected mobility Bach1 is 100-110 kDa.

## Storage

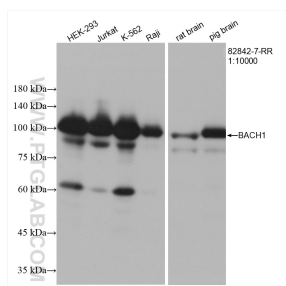
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 82842-7-RR (BACH1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BACH1 antibody (82842-7-RR, Clone: 4K14) at dilution of 1:200 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CL594-phalloidin (red).