

For Research Use Only

# BACH2 Polyclonal antibody

Catalog Number: 27635-1-AP

Featured Product

2 Publications



## Basic Information

Catalog Number:

27635-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 533 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26526

GenBank Accession Number:

NM\_001170794

GeneID (NCBI):

60468

Full Name:

BTB and CNC homology 1, basic leucine zipper transcription factor 2

Calculated MW:

93 kDa

Observed MW:

120-130 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB

Species Specificity:

Human

Cited Species:

human

Positive Controls:

WB : Daudi cells, Ramos cells

## Background Information

BACH2, also named as Transcription regulator protein BACH2, is a 841 amino acid protein, which is widely expressed within the B-lymphoid lineage, except in plasma cells. BACH2 contains an N-terminal BTB domain involved in its transcriptional function, but instead of having zinc fingers at the C-terminus, it binds to DNA through a basic leucine zipper motif. BACH2 binds DNA consensus sequences, termed MARE motifs, by forming a heterodimer with small leucine zipper MAF proteins such as MAFK, MAFG, and MAFF. The calculated molecular weight of BACH2 is 92 kDa, but the post-modification of BACH2 is about 120-130 kDa. (PMID: 24277074)

## Notable Publications

Author	Pubmed ID	Journal	Application
Yujun Sheng	33249782	FEBS Open Bio	WB
Meng Zhu	38578828	Cell Rep	WB

## 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

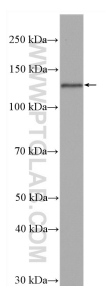
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Daudi cells were subjected to SDS PAGE followed by western blot with 27635-1-AP (BACH2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.