

For Research Use Only

BACH2 Polyclonal antibody

Catalog Number: 27635-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

27635-1-AP

Size:

1000 µg/ml

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

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

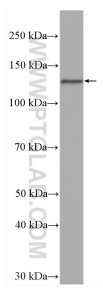
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.