

For Research Use Only

BACH2 Polyclonal antibody

Catalog Number: 27635-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number: 27635-1-AP	GenBank Accession Number: NM_001170794	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop and 533 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 60468	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: BTB and CNC homology 1, basic leucine zipper transcription factor 2	
Isotype: IgG	Calculated MW: 93 kDa	
Immunogen Catalog Number: AG26526	Observed MW: 120-130 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Daudi cells, Ramos cells
Cited Applications: WB	
Species Specificity: Human	
Cited Species: human	

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

Storage

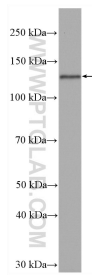
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.