BACH1 Rabbit pAb

Catalog NO.: A5393SP **10 Publications**

Basic Information

Observed MW
82 kDa/100 kDa

Calculated MW
82 kDa

Category
Polyclonal Antibodies

Applications
WB, IP, ChIP, ELISA

Cross-Reactivity
Human,Mouse

Conjugation
Unconjugated

Background

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.

Recommended Dilutions

WB 1:3000 - 1:10000

IP
0.5 μg - 4 μg antibody for 400 μg - 600 μg extracts of whole cells

ChIP 5μg antibody for 10μg-15μg of Chromatin

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.For high-ratio antibody dilutions (⩾1:10000)

Immunogen Information

Gene ID
571

Swiss Prot
O14867

Immunogen
This information is considered to be commercially sensitive.

Synonyms
BACH-1; BTBD24

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

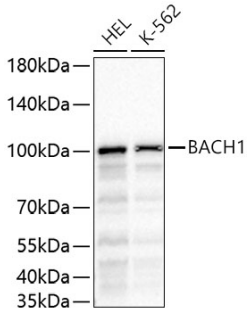
Source
Rabbit

Isotype
IgG

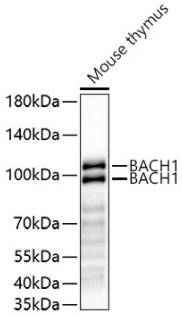
Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS, pH 7.3, containing 50% glycerol. Preserved with Proclin300 or sodium azide. May contain 0.05% BSA as specified on the Certificate of Analysis.

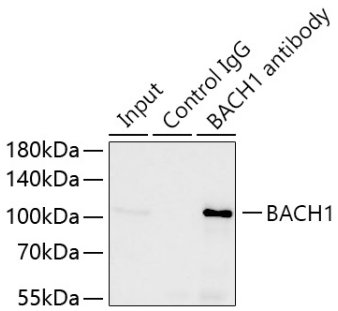
Validation Data



Western blot analysis of various lysates using BACH1 Rabbit pAb (A5393SP) at 1:7000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



Western blot analysis of lysates from Mouse thymus using BACH1 Rabbit pAb (A5393SP) at 1:7000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45 s.



Immunoprecipitation of BACH1 from 600 µg extracts of K-562 cells was performed using 2 µg of BACH1 Rabbit pAb (A5393SP). Rabbit Control IgG (AC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1x Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using BACH1 Rabbit pAb (A5393SP) at a dilution of 1:10000.