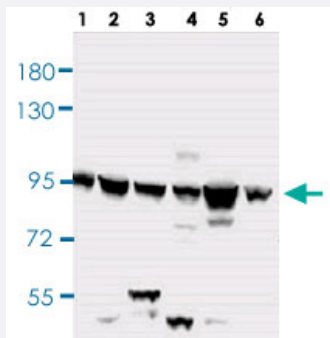


BACH1 polyclonal antibody

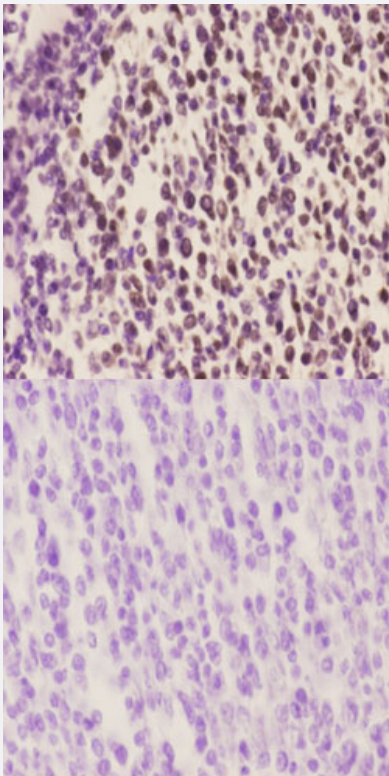
Catalog # PAB24874 Size 100 uL

Applications



Western Blot

Western blot analysis of (at 1:500) Lane 1: Mouse lung tissue lysate, Lane 2: AML12 cell lysate, Lane 3: PMVEC cell lysate, Lane 4: 293T cell lysate, Lane 5: Hela cell lysate, Lane 6: SH-SY5Y cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analyzes of human tonsil carcinoma tissue (at 1:50) showing Nucleus staining. Negative control (the below) using PBS instead of primary antibody, secondary antibody is goat anti-rabbit IgG-biotin followed by avidin-peroxidase.

Specification

Product Description

Rabbit polyclonal antibody raised against synthetic peptide of human BACH1.

Immunogen	A synthetic peptide corresponding to amino acids 131-180 of human BACH1.
Host	Rabbit
Theoretical MW (kDa)	90
Reactivity	Human
Specificity	BACH1 polyclonal antibody detects endogenous levels of BACH1 protein.
Form	Liquid
Purification	Antigen affinity purification
Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Isotype	IgG
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of (at 1:500) Lane 1: Mouse lung tissue lysate, Lane 2: AML12 cell lysate, Lane 3: PMVEC cell lysate, Lane 4: 293T cell lysate, Lane 5: Hela cell lysate, Lane 6: SH-SY5Y cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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- Immunofluorescence

Gene Info — BACH1

Entrez GeneID [571](#)

Protein Accession# [O14867](#)

Gene Name BACH1

Gene Alias -

Gene Description BTB and CNC homology 1, basic leucine zipper transcription factor 1

Omim ID [602751](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations BTB and CNC homology 1|OTTHUMP00000096564

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Fanconi Anemia](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)