

BACH1 antibody

Catalog No: #38649

Package Size: #38649-1 50ul #38649-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

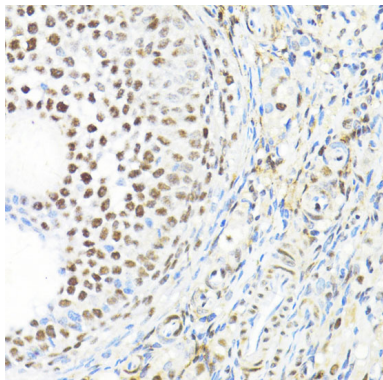
Description

Product Name	BACH1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were purified by affinity purification using immunogen.
Applications	WB,IHC,IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total BACH1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human BACH1.
Conjugates	Unconjugated
Target Name	BACH1
Other Names	BACH-1;
Accession No.	Swiss-Prot#: O14867NCBI Gene ID: 571
SDS-PAGE MW	82kd
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

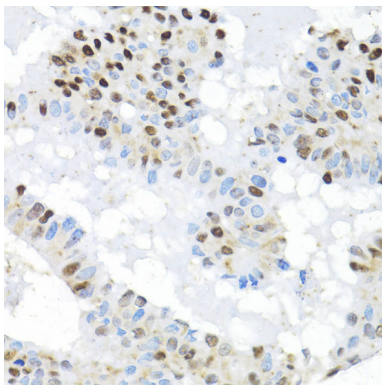
Application Details

Western blotting: □1:500 - 1:2000

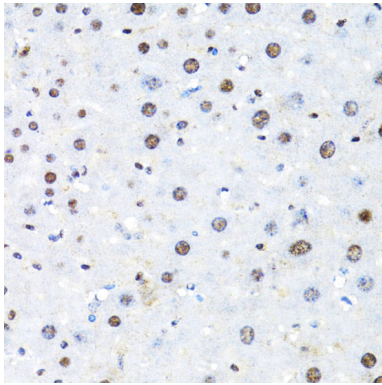
Images



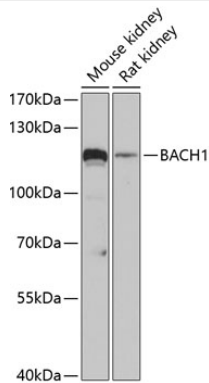
Immunohistochemistry of paraffin-embedded rat ovary using BACH1 antibody at dilution of 1:100 (40x lens).



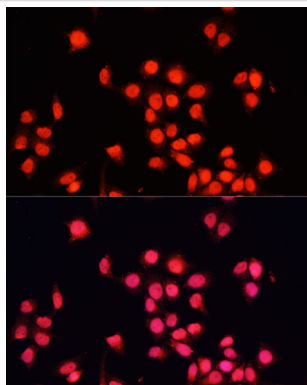
Immunohistochemistry of paraffin-embedded human breast cancer using BACH1 antibody at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse liver using BACH1 antibody at dilution of 1:100 (40x lens).



Western blot analysis of extracts of various cell lines, using BACH1 antibody at 1:3000 dilution.



Immunofluorescence analysis of HeLa cells using BACH1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.