Product Datasheet

BACH1 antibody

Catalog No: #38649

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

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

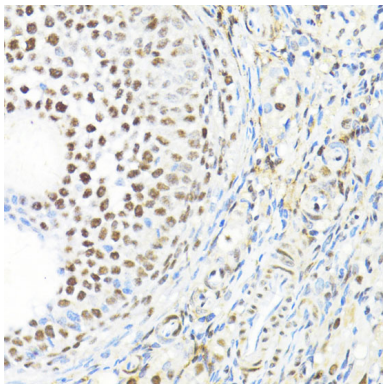
Description

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.
Target Name	BACH1
Other Names	BACH-1;
Accession No.	Swiss-Prot#: O14867NCBI Gene ID: 571
Uniprot	O14867
GeneID	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

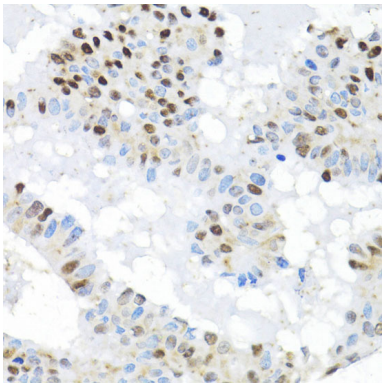
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

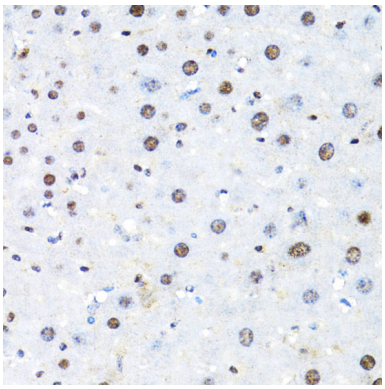
Images



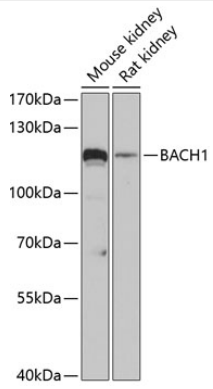
Immunohistochemistry of paraffin-embedded rat ovary using BACH1 at dilution of 1:100 (40x lens).



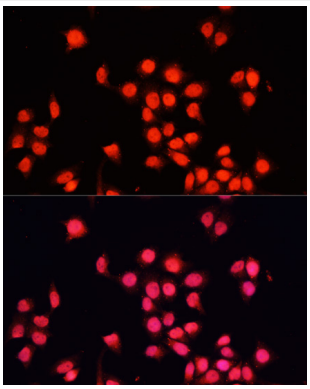
Immunohistochemistry of paraffin-embedded human breast cancer using BACH1 at dilution of 1:100 (40x lens).



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



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



Immunofluorescence analysis of HeLa cells using BACH1 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