

Rabbit anti-Human BACH1 Polyclonal Antibody | anti-BACH1 antibody

Rabbit Polyclonal to Human BACH1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50752	Rabbit	Human	ELISA, Western Blot, Immunofluorescence, Immunohistochemistry

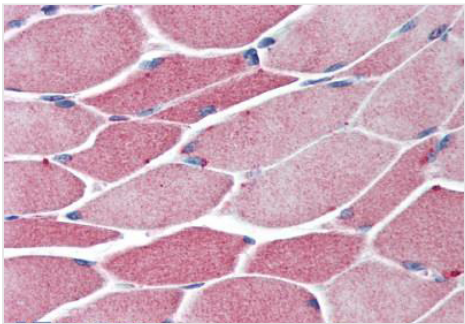
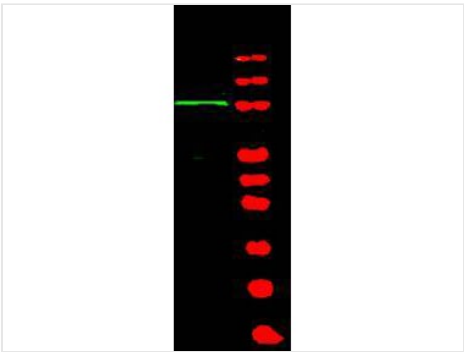
PRODUCT SYNONYMS

BACH1; Polyclonal Antibody; Rabbit Polyclonal to Human BACH1; Anti-BACH1 Antibody (aa92-104) IHC-plus; BTB and CNC homolog 1; HA2303; BACH-1; Human BACH1; anti-BACH1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Amino acids 92-104 of isoform 1 of human BACH1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	736
Applicable Applications for anti-BACH1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human BACH1.
Immunogen Type	Recombinant protein
Immunogen	BACH1 antibody was raised against recombinant human BACH1.
Antigen Modification	aa92-104
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C. Avoid repeat freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Anti-BACH1 antibody IHC of human skeletal muscle. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

WB (Western Blot)
Anti-BACH1 Antibody - Western Blot. Western blot of Affinity Purified anti-BACH1 antibody shows detection of a band at ~105 kD (lane 1) corresponding to human BACH1 present in a 293 whole cell lysate (arrowhead). Lane 2 shows that specific band staining is competed out when the antibody is pre-incubated with the peptide immunogen prior to reaction. Approximately 35 ug of lysate was separated on a 4-20% Tris-Glycine gel by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1000. Reaction occurred 2 h at room temperature followed by washes and reaction with a 1:10000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX (for 45 min at room temperature (800 nm channel, green). Molecular weight estimation was made by comparison to prestained MW markers in lane M (700 nm channel, red). IRDye800 fluorescence image was captured using the Odyssey Infrared Imaging System developed by LI-COR. IRDye is a trademark of LI-COR, Inc. Other detection systems will yield similar results.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502353
NCBI GeneID	571
NCBI Accession #	NP_001177.1
NCBI GenBank Nucleotide #	NM_001186.3
UniProt Accession #	O14867; O43285; Q6ICU0
Molecular Weight	81,958 Da
NCBI Official Full Name	transcription regulator protein BACH1
NCBI Official Synonym Full Names	BTB and CNC homology 1, basic leucine zipper transcription factor 1
NCBI Official Symbol	BACH1
NCBI Official Synonym Symbols	BACH-1; BTBD24
NCBI Protein Information	transcription regulator protein BACH1; basic region leucine zipper transcriptional regulator BACH1
UniProt Protein Name	Transcription regulator protein BACH1
UniProt Gene Name	BACH1
UniProt Entry Name	BACH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.