

Datasheet: AHP1426

Description:	RABBIT ANTI HUMAN BACH1
Specificity:	BACH1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			5ug/ml
ELISA	▪			1/10000 - 1/44000
Immunoprecipitation			▪	
Western Blotting	▪			1/500 - 1/2000
Functional Assays			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

(1)This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.

Target Species	Human
Species Cross Reactivity	Reacts with: Mouse, Chimpanzee, Rat N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.
Product Form	Purified IgG - liquid

Antiserum Preparation Antiserum to human BACH1 was raised by repeated immunisation of rabbits with highly

purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution	Phosphate buffered saline
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Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
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Immunogen	Recombinant protein corresponding to amino acids 92-104 of isoform 1 of human BACH1 protein .
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External Database Links	UniProt: O14867 Related reagents Entrez Gene: 571 BACH1 Related reagents
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RRID	AB_2061837
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Specificity	<p>Rabbit anti Human BACH1 antibody recognizes the human Transcription regulator protein BACH1, also known as BTB and CNC homolog 1 or HA2303. BACH1 is a 736 amino acid, ~82 kDa nuclear transcription regulatory protein belonging to the bZIP family, containing a single BTP (POZ) domain and a single bZIP domain.</p> <p>BACH1 is found in a wide range of tissues and acts as a transcriptional regulator. It plays an important role in the coordination of transcription in association with small Maf transcription factors. BACH-1 is inactivated by direct binding to intracellular heme, allowing induction of genes such as heme oxygenase-1 (Hada et al. 2014).</p>
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Histology Positive Control Tissue	Human skeletal muscle
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Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
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Guarantee	12 months from date of despatch
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP1426 10040
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Regulatory	For research purposes only
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Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M389148:210806'

Printed on 12 Aug 2023

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