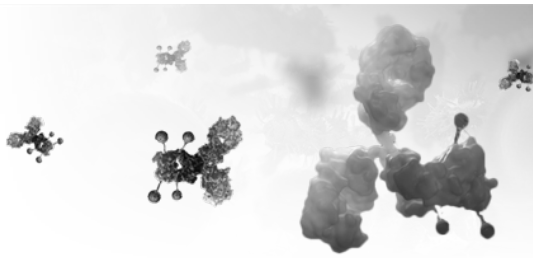

Rabbit Anti-Human BACH1 Polyclonal antibody (CPBT-66090RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	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, ~82kDa nuclear transcription regulatory protein belonging to the bZIP family, containing a single BTP (POZ) domain and a single bZIP domain. 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.
Specificity	BACH1
Immunogen	Recombinant protein corresponding to amino acids 92-104 of isoform 1 of human BACH1 protein .
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA; IHC-P; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.01% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a

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precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	BACH1 BTB and CNC homology 1, basic leucine zipper transcription factor 1 [Homo sapiens (human)]
Official Symbol	BACH1
Synonyms	BACH1; BTB and CNC homology 1, basic leucine zipper transcription factor 1; BACH-1; BTBD24; transcription regulator protein BACH1; basic region leucine zipper transcriptional regulator BACH1;
Entrez Gene ID	571
Protein Refseq	NP_001177
UniProt ID	O14867
Chromosome Location	21q22.11
Pathway	Integrated Breast Cancer Pathway;
Function	RNA polymerase II core promoter proximal region sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity involved in negative regulation of transcription; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity involved in positive regulation of transcription; heme binding; sequence-specific DNA binding transcription factor activity;

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