

Rabbit BACH1/BRIP1 Polyclonal Antibody | anti-BACH1/BRIP1 antibody

BACH1/BRIP1 Antibody

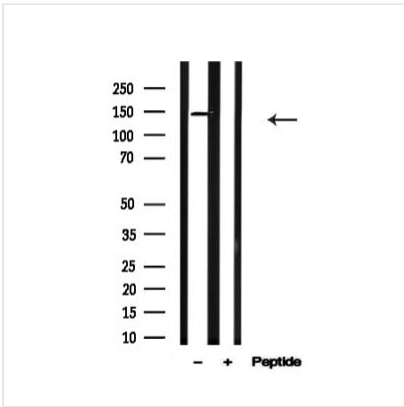
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329569	Rabbit	Human, Mouse Predicted Reactivity: Pig (100%), Bovine (100%), Dog (92%), Chicken (91%)	ELISA, Western Blot

PRODUCT SYNONYMS

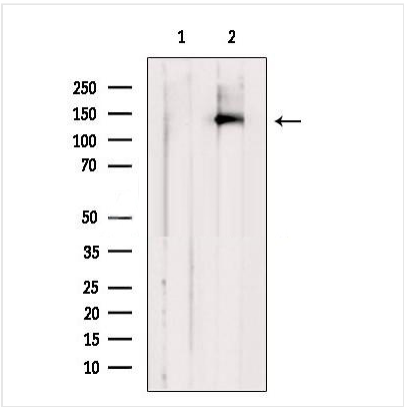
BACH1/BRIP1; Polyclonal Antibody; BACH1/BRIP1 Antibody; ATP dependent RNA helicase BRIP1; ATP-dependent RNA helicase BRIP1; BACH 1; BRAC 1 Associated C Terminal Helicase 1; BRCA 1 Interacting Protein 1; BRCA1 binding helicase like protein BACH1; BRCA1 interacting protein C terminal helicase 1; BRCA1-associated C-terminal helicase 1; BRCA1-interacting protein 1; BRCA1-interacting protein C-terminal helicase 1; BRCA1/BRCA2 associated helicase 1; BRIP 1; BRIP1; FANCI; FANCI_HUMAN; Fanconi anemia group J protein; FLJ90232; MGC126521; MGC126523; OF; Protein FACJ; anti-BACH1/BRIP1 antibody

PRODUCT SPECIFICATIONS

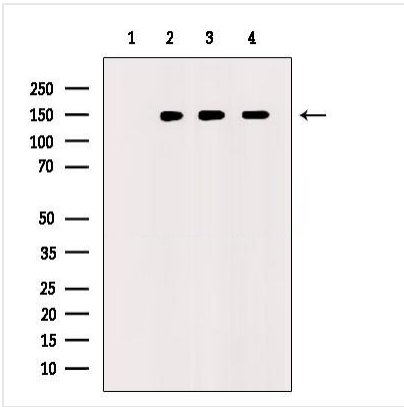
Host	Rabbit
Reactivity	Human, Mouse Predicted Reactivity: Pig (100%), Bovine (100%), Dog (92%), Chicken (91%)
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	BACH1/BRIP1 Antibody detects endogenous levels of total BACH1/BRIP1. Tissue Specificity: Ubiquitously expressed, with highest levels in testis.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-BACH1/BRIP1 antibody	ELISA (Peptide ELISA), WB (Western Blot)
Immunogen	A synthesized peptide derived from human BACH1/BRIP1, corresponding to a region within C-terminal amino acids.
Conjugation	Unconjugated
Fragment	Fab fragment
Post Translational Modifications	Phosphorylated. Phosphorylation is necessary for interaction with BRCA1, and is cell-cycle regulated. Acetylation at Lys-1249 facilitates DNA end processing required for repair and checkpoint signaling.
Subunit Structure	Binds directly to the BRCT domains of BRCA1. Interacts with the CIA complex components CIAO1, CIAO2B and MMS19.
Similarity	4Fe-4S iron-sulfur-binding is required for helicase activity.Belongs to the DEAD box helicase family. DEAH subfamily.
Subcellular Location	Nucleus. Cytoplasm.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of BACH1/BRIP1 in lysates of Jurkat , using BACH1/BRIP1 Antibody(AF4789).



WB (Western Blot)
Western blot analysis of extracts from MCF7, using BACH1/BRIP1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from various samples, using BACH1/BRIP1 Antibody.Lane 1: A2780 cells, blocked with antigen-specific peptides,Lane 2: A2780 cells,Lane 3: HepG2 cells,Lane 4: RAW264.7 cells.7.

ADDITIONAL INFORMATION

Related Product Information for anti-BACH1/BRIP1 antibody	DNA-dependent ATPase and 5' to 3' DNA helicase required for the maintenance of chromosomal stability. Acts late in the Fanconi anemia pathway, after FANCD2 ubiquitination. Involved in the repair of DNA double-strand breaks by homologous recombination in a manner that depends on its association with BRCA1.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14042978
NCBI GeneID	83990
NCBI Accession #	NP_114432.1
NCBI GenBank Nucleotide #	NM_032043.1
UniProt Accession #	Q9BX63; Q3MJJE2; Q8NCI5
Molecular Weight	112,476 Da
NCBI Official Full Name	Fanconi anemia group J protein
NCBI Official Synonym Full Names	BRCA1 interacting protein C-terminal helicase 1
NCBI Official Symbol	BRIP1

NCBI Official Synonym Symbols	OF; BACH1; FANCJ
NCBI Protein Information	Fanconi anemia group J protein; ATP-dependent RNA helicase BRIP1; BRCA1/BRCA2-associated helicase 1; BRCA1-associated C-terminal helicase 1; BRCA1-binding helicase-like protein BACH1
UniProt Protein Name	Fanconi anemia group J protein
UniProt Gene Name	BRIP1
UniProt Synonym Gene Names	BACH1; FANCJ; Protein FACJ; BRCA1-interacting protein 1
UniProt Entry Name	FANCJ_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/bach1-brip1-antibody-peptide-elisa-western-blot-elisa/329569>