

Rabbit HSPC142 Polyclonal Antibody | anti-BABAM1 antibody

HSPC142 Antibody (Center)

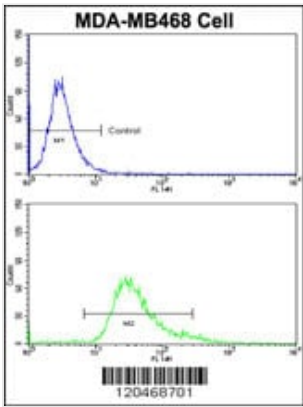
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289346	Rabbit	Human (Predicted Reactivity: Bovine, Mouse, Rat)	Flow Cytometry, Functional Assay, Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

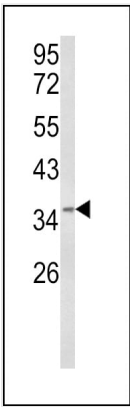
HSPC142; Polyclonal Antibody; HSPC142 Antibody (Center); BRISC and BRCA1-A complex member 1; Mediator of RAP80 interactions and targeting subunit of 40 kDa; New component of the BRCA1-A complex; BABAM1; C19orf62; MERIT40; NBA1; anti-BABAM1 antibody

PRODUCT SPECIFICATIONS

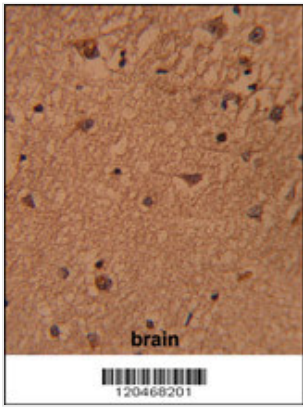
Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This HSPC142 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 116-143 amino acids from the Central region of human HSPC142.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	116-143
Sequence Length	171
Applicable Applications for anti-BABAM1 antibody	FCM/FACS (Flow Cytometry), WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of MDA-MB468 cells using HSPC142 Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



WB (Western Blot)
Western blot analysis of HSPC142 Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). HSPC142 (arrow) was detected using the purified Pab.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain reacted with HSPC142 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.

ADDITIONAL INFORMATION

Related Product Information for anti-BABAM1 antibody	Component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses deubiquitinase activity that specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX. In the BRCA1-A complex, it is required for the complex integrity and its localization at DSBs. Probably also plays a role as a component of the BRISC complex, a multiprotein complex that specifically cleaves 'Lys-63'-linked ubiquitin. In these 2 complexes, it is probably required to maintain the stability of BRE/BRCC45 and help the 'Lys-63'-linked deubiquitinase activity mediated by BRCC3/BRCC36. component.
References	Shao,G., et.al., Genes Dev. 23 (6), 740-754 (2009) Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	75709194
NCBI GeneID	29086
NCBI Accession #	NP_001028721.1; NP_054892.2
NCBI GenBank Nucleotide #	NM_001033549.2

UniProt Accession #	Q9NWW8 ; Q6FIA0 ; Q9P018 ; A8MQT0 ; B4DRY9 ; B4DVR1
Molecular Weight	36560
NCBI Official Full Name	BRISC and BRCA1-A complex member 1 isoform 1
NCBI Official Synonym Full Names	BRISC and BRCA1 A complex member 1
NCBI Official Symbol	BABAM1
NCBI Official Synonym Symbols	NBA1; HSPC142; MERIT40; C19orf62
NCBI Protein Information	BRISC and BRCA1-A complex member 1
UniProt Protein Name	BRISC and BRCA1-A complex member 1
UniProt Gene Name	BABAM1
UniProt Synonym Gene Names	C19orf62; MERIT40; NBA1
UniProt Entry Name	BABA1_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/hspc142-antibody-flow-cytometry-western-blot-immunohistochemistry-elisa/289346>