

Datasheet for ABIN652514

**anti-BRISC and BRCA1 A Complex Member 1 (BABAM1) (AA 116-143) antibody**[Go to Product page](#)**3** Images

## Overview

Quantity:	400 µL
Target:	BRISC and BRCA1 A Complex Member 1 (BABAM1)
Binding Specificity:	AA 116-143
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

## Product Details

Immunogen:	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.
Clone:	RB20468
Isotype:	Ig Fraction
Predicted Reactivity:	B, M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

## Target Details

Target:	BRISC and BRCA1 A Complex Member 1 (BABAM1)
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## Target Details

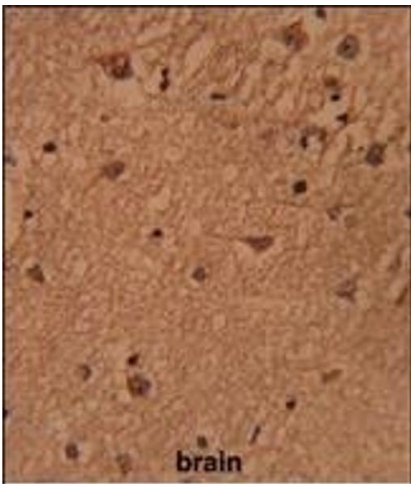
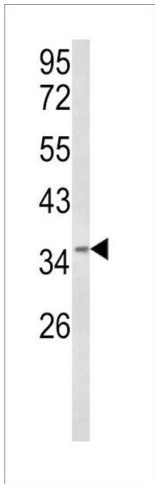
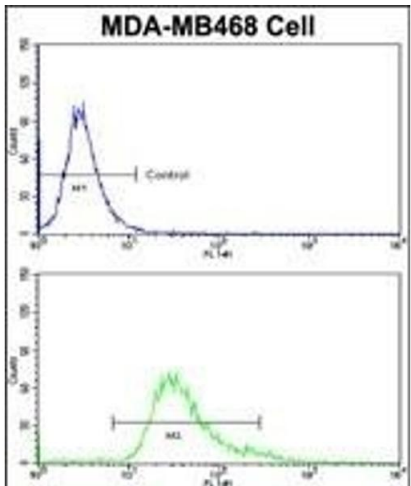
Alternative Name:	HSPC142 ( <a href="#">BABAM1 Products</a> )
Background:	Component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand 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.
Molecular Weight:	36560
Gene ID:	29086
NCBI Accession:	<a href="#">NP_001028721</a> , <a href="#">NP_054892</a>
UniProt:	<a href="#">Q9NWX8</a>
Pathways:	<a href="#">Positive Regulation of Response to DNA Damage Stimulus</a>

## Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



### Flow Cytometry

**Image 1.** Flow cytometric analysis of MDA-M cells using HSP Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram)FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

### Western Blotting

**Image 2.** Western blot analysis of HSP Antibody (Center) (ABIN652514 and ABIN2842344) in MDA-M cell line lysates (35 µg/lane). HSP (arrow) was detected using the purified Pab.

### Immunohistochemistry (Paraffin-embedded Sections)

**Image 3.** Formalin-fixed and paraffin-embedded human brain reacted with HSP 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.