

Datasheet for ABIN652513

anti-BRISC and BRCA1 A Complex Member 1 (BABAM1) (AA 9-37), (N-Term) antibody[Go to Product page](#)**2** Images

Overview

Quantity:	400 µL
Target:	BRISC and BRCA1 A Complex Member 1 (BABAM1)
Binding Specificity:	AA 9-37, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This HSPC142 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 9-37 amino acids from the N-terminal region of human HSPC142.
Clone:	RB20467
Isotype:	Ig Fraction
Predicted Reactivity:	B, Zf
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BRISC and BRCA1 A Complex Member 1 (BABAM1)
Alternative Name:	HSPC142 (BABAM1 Products)

Target Details

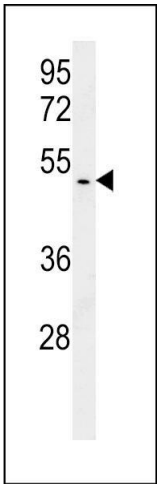
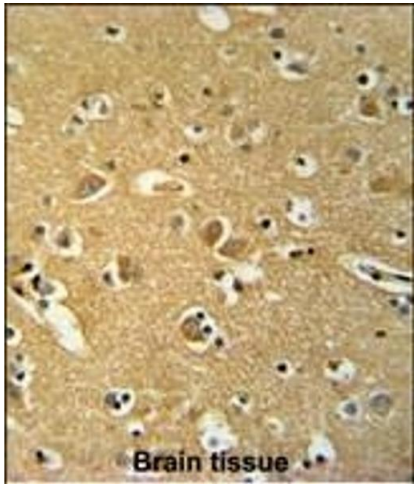
Background:	HSPC142 is a component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites, leading to target the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). The BRCA1-A complex also possesses 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. HSPC142 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:	NP_001028721 , NP_054892
UniProt:	Q9NWX8
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:1000. IHC-P: 1:50~100
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



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. HSP Antibody (N-term) (ABIN652513 and ABIN2842343) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HSP Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. HSP Antibody (N-term) (ABIN652513 and ABIN2842343) western blot analysis in T47D cell line lysates (15 µg/lane). This demonstrates the HSP antibody detected the HSP protein (arrow).