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Datasheet for ABIN7467205

anti-BRISC and BRCA1 A Complex Member 1 (BABAM1) (N-Term) antibody

Overview

Quantity:	100 µL
Target:	BRISC and BRCA1 A Complex Member 1 (BABAM1)
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the N-terminus region of human HSPC142. The exact sequence is proprietary.
Clone:	GT1251
Isotype:	IgG2a
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

Target Details

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

Target Details

Background:	BRISC and BRCA1 A complex member 1 , C19orf62 , HSPC142 , MERIT40 , NBA1,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:	37 kDa
Gene ID:	29086
UniProt:	Q9NWX8
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Validation: Overexpression
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.