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Datasheet for ABIN7158680
anti-BRCC3 antibody (AA 14-316) (Biotin)

Overview

Quantity:	100 µg
Target:	BRCC3
Binding Specificity:	AA 14-316
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCC3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Lys-63-specific deubiquitinase BRCC36 protein (14-316AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	BRCC3
Alternative Name:	BRCC3 (BRCC3 Products)
Background:	Background: Metalloprotease that specifically cleaves \\Lys-63\\-linked polyubiquitin chains. Does not have activity toward \\Lys-48\\-linked polyubiquitin chains. Component of the

Target Details

BRCA1-A complex, a complex that specifically recognizes K63-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). In the BRCA1-A complex, it specifically removes K63-linked ubiquitin on histones H2A and H2AX, antagonizing the RNF8-dependent ubiquitination at double-strand breaks (DSBs). Catalytic subunit of the BRISC complex, a multiprotein complex that specifically cleaves K63-linked ubiquitin in various substrates. Mediates the specific K63-specific deubiquitination associated with the COP9 signalosome complex (CSN), via the interaction of the BRISC complex with the CSN complex.

Aliases: BRCA1-A complex subunit BRCC36 antibody, BRCA1/BRCA2 containing complex subunit 3 antibody, BRCA1/BRCA2 containing complex subunit 36 antibody, BRCA1/BRCA2-containing complex subunit 3 antibody, BRCA1/BRCA2-containing complex subunit 36 antibody, Brcc3 antibody, BRCC3_HUMAN antibody, BRCC36 antibody, BRISC complex subunit BRCC36 antibody, C6.1A antibody, Chromosome X open reading frame 53 antibody, CXorf53 antibody, Lys-63-specific deubiquitinase BRCC36 antibody, OTTHUMP00000061450 antibody

UniProt: [P46736](#)

Pathways: [Positive Regulation of Response to DNA Damage Stimulus](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.