

BRCC3 Antibody (N-Term)

Catalog_no :	AB3499
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This BRCC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 18-50 amino acids from human BRCC3.
Dilution :	WB,1:2000;
Other_name :	Lys-63-specific deubiquitinase BRCC36, 3419-, BRCA1-A complex subunit BRCC36, BRCA1/BRCA2-containing complex subunit 3, BRCA1/BRCA2-containing complex subunit 36, BRISC complex subunit BRCC36, BRCC3, BRCC36, C61A, CXorf53
Isotype :	Rabbit Ig
Background :	Metalloprotease that specifically cleaves 'Lys-63'- linked polyubiquitin chains. Does not have activity toward 'Lys- 48'-linked polyubiquitin chains. 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). In the BRCA1-A complex, it specifically removes 'Lys-63'-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 'Lys-63'-linked ubiquitin in various substrates. Mediates the specific 'Lys-63'- specific deubiquitination associated with the COP9 signalosome complex (CSN), via the interaction of the BRISC complex with the CSN complex.
reference :	Kenwrick S.,et al.Hum. Mol. Genet. 1:179-186(1992). Fisch P.,et al.Oncogene 8:3271-3276(1993). Dong Y.,et al.Mol. Cell 12:1087-1099(2003). Ota T.,et al.Nat. Genet. 36:40-45(2004). Ross M.T.,et al.Nature 434:325-337(2005).