

Datasheet for ABIN6243065  
**anti-BRCC3 antibody (AA 18-50)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	BRCC3
Binding Specificity:	AA 18-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCC3 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This BRCC3 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 18-50 amino acids from human BRCC3.
Clone:	RB53911
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	BRCC3
Alternative Name:	BRCC3 ( <a href="#">BRCC3 Products</a> )
Background:	Metalloprotease that specifically cleaves 'Lys-63'- linked polyubiquitin chains. Does not have

## Target Details

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.

Molecular Weight: 36072

UniProt: [P46736](#)

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

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

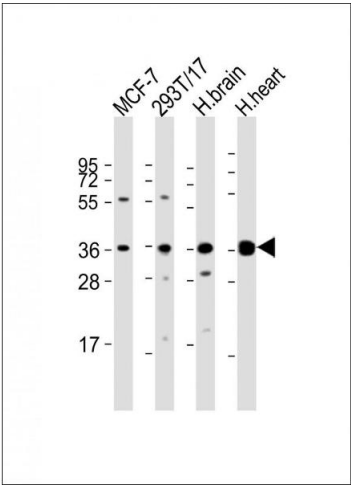
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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

Expiry Date: 6 months



Western Blotting

**Image 1.** All lanes : Anti-BRCC3 Antibody (N-Term) at 1:2000 dilution Lane 1: MCF-7 whole cell lysate Lane 2: 293T/17 whole cell lysate Lane 3: human brain lysate Lane 4: human heart lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.