

## Datasheet

### BRCC3 polyclonal antibody

**Catalog Number:** PAB13012

**Regulation Status:** For research use only (RUO)

**Product Description:** Rabbit polyclonal antibody raised against synthetic peptide of BRCC3.

**Immunogen:** A synthetic peptide corresponding to N-terminus 18 amino acids of human BRCC3.

**Host:** Rabbit

**Reactivity:** Human, Mouse, Rat

**Applications:** IHC-P, WB-Ce

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Recommend Usage:** Western Blot (0.5-1 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.02% sodium azide)

**Storage Instruction:** Store at 4°C for three months. For long term storage store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 79184

**Gene Symbol:** BRCC3

**Gene Alias:** BRCC36, C6.1A, CXorf53

**Gene Summary:** This gene encodes a subunit of the BRCA1-BRCA2-containing complex (BRCC), which is an E3 ubiquitin ligase. This protein is also thought to be involved in the cellular response to ionizing radiation and progression through the G2/M checkpoint. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

### References:

1. BRCC36 is essential for ionizing radiation-induced BRCA1 phosphorylation and nuclear foci formation. Chen X, Arciero CA, Wang C, Broccoli D, Godwin AK. Cancer Res. 2006 May 15;66(10):5039-46.
2. Regulation of BRCC, a holoenzyme complex containing BRCA1 and BRCA2, by a signalosome-like subunit and its role in DNA repair. Dong Y, Hakimi MA, Chen X, Kumaraswamy E, Cooch NS, Godwin AK, Shiekhatter R. Mol Cell. 2003 Nov;12(5):1087-99.