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## **BRCA1 Antibody**

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 251301

**Unit:** 0.1 mg

**Description:**

Breast cancer type 1 susceptibility protein (BRCA1) is an E3 ubiquitin-protein ligase that specifically mediates the formation of 'Lys-6'-linked polyubiquitin chains and plays a central role in DNA repair by facilitating cellular responses to DNA damage. The E3 ubiquitin-protein ligase activity is required for its tumor suppressor function. Defects in BRCA1 are a cause of susceptibility to breast cancer (BC).

**Isotype:** Rabbit Ig

**Applications:** E, WB, IHC, IP

**Species Reactivity:** H, M, R

**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** BRCA1; Breast cancer type 1 susceptibility protein; RING finger protein 53; RNF53

**Accession No.:** P38398

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human BRCA1.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500; IP: 1:100-1:500

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.