

BRCA1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 200160

Unit: 0.1 mg

Description:

Breast cancer type 1 susceptibility protein (BRCA1) plays a central role in DNA repair by facilitating cellular response to DNA repair. BRCA1 is required for appropriate cell cycle arrests after ionizing irradiation in both the S-phase and the G2 phase of the cell cycle. BRCA1 is part of the BRCA1-associated genome surveillance complex (BASC), which contains BRCA1, MSH2, MSH6, MLH1, ATM, BLM, PMS2 and the RAD50-MRE11-NBS1 protein complex. Defects in BRCA1 are a cause of genetic susceptibility to breast and ovarian cancers.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, Mk, M, P, R

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 12.5% glycerol with 0.09% sodium azide.

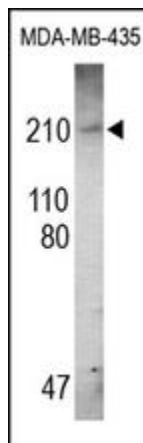
Antibody was purified by Protein-G affinity chromatography.

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



The BRCA1 Antibody is used in Western blot to detect BRCA1 in MDA-MB-435 cell lysate.

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.