

Datasheet for ABIN7449874
anti-BRCA2 antibody (AA 450-500)



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Overview

Quantity:	100 µg
Target:	BRCA2
Binding Specificity:	AA 450-500
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BRCA2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-BRCA2 Antibody, Affinity Purified
Immunogen:	between AA 450 and 500
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	BRCA2
Alternative Name:	BRCA2 (BRCA2 Products)
Background:	Background: BRCA2 was identified as a gene with germline mutations that predisposes women to breast cancer. An important function of BRCA2 involves its direct interaction with RAD51 and

Target Details

the process of homologous recombination in DNA double strand break repair. BRCA2 and BRCA1 primary sequences are not similar, however the proteins exhibit similar patterns of expression and sub-cellular localization. Although the phenotype of disruptions of BRCA2 is similar to BRCA1, BRCA2 appears to possess functions distinct from BRCA1.

Gene ID: 675

NCBI Accession: [NP_000050](#)

UniProt: [P51587](#)

Pathways: [DNA Damage Repair](#), [M Phase](#), [Maintenance of Protein Location](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:10,000 - 1:25,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % 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

Expiry Date: 12 months