

Rabbit anti-Human BRCA2 Polyclonal Antibody | anti-BRCA2 antibody

Rabbit anti-BRCA2 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA210719	Rabbit	Human	Immunoprecipitation, Western Blot

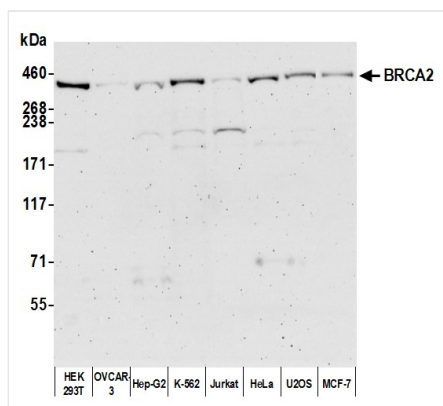
PRODUCT SYNONYMS

BRCA2; Polyclonal Antibody; Rabbit anti-BRCA2 Antibody; Affinity Purified; FAD1; FANCD; Fanconi anemia group D1 protein; mutant BRCA2; PNCA2; XRCC11; FANCD1; FAD; truncated breast cancer 2; BROVCA2; breast cancer type 2 susceptibility protein; BRCA1/BRCA2-containing complex; subunit 2; breast cancer 2; early onset; GLM3; breast cancer 2 tumor suppressor; breast and ovarian cancer susceptibility protein 2; breast and ovarian cancer susceptibility gene; BRCC2; FACD; Breast cancer type 2 susceptibility protein; DNA repair associated; anti-BRCA2 antibody

PRODUCT SPECIFICATIONS

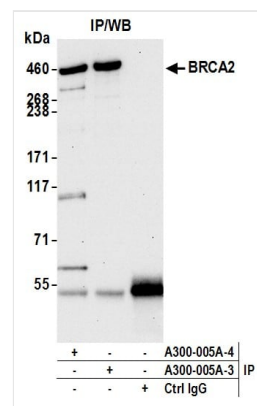
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BRCA2 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 3368 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human BRCA2 by western blot. Samples: Whole cell lysate (50 ug) from HEK293T, OVCAR-3, Hep-G2, K-562, Jurkat, HeLa, U2OS, and MCF-7 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-BRCA2 antibody AAA210719 (lot AAA210719-4) for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human BRCA2 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HEK293T cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-BRCA2 antibody AAA210719 (lot AAA210719-4) used for IP at 6 ug per reaction. BRCA2 was also immunoprecipitated by a previous lot of this antibody (lot AAA210719-3). For blotting immunoprecipitated BRCA2, AAA210719 was used at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-BRCA2 antibody	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 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.
Product Categories/Family for anti-BRCA2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	675
UniProt Accession #	P51587
UniProt Protein Name	Breast cancer type 2 susceptibility protein
UniProt Gene Name	BRCA2
UniProt Synonym Gene Names	FACD; FANCD1
UniProt Entry Name	BRCA2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brca2-antibody-immunoprecipitation-western-blot-elisa/210719>