

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

BRCA2 Rabbit Polyclonal Antibody

CATALOG # AAA313806	HOST Rabbit	REACTIVITY Human, Rat	APPLICATIONS Immunofluorescence, Western Blot
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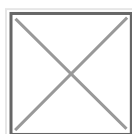
PRODUCT SYNONYMS

BRCA2; Polyclonal Antibody; BRCA2 Rabbit Polyclonal Antibody; BRCC2; BROVCA2; FACD; FAD; FAD1; FANCD; FANCD1; GLM3; PNCA2; XRCC11; anti-BRCA2 antibody

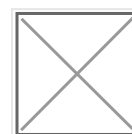
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Applicable Applications for anti-BRCA2 antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human BRCA2 (NP_000050.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of extracts of 293T cells, using BRCA2 at 1:1000 dilution.


IF (Immunofluorescence)

Immunofluorescence analysis of C6 cells using BRCA2 at dilution of 1:100. Blue: DAPI for nuclear staining.

ADDITIONAL INFORMATION

Related Product Information for anti-BRCA2 antibody	Inherited mutations in BRCA1 and this gene, BRCA2, confer increased lifetime risk of developing breast or ovarian cancer. Both BRCA1 and BRCA2 are involved in maintenance of genome stability, specifically the homologous recombination pathway for double-strand DNA repair. The BRCA2 protein contains several copies of a 70 aa motif called the BRC motif, and these motifs mediate binding to the RAD51 recombinase which functions in DNA repair. BRCA2 is considered a tumor suppressor gene, as tumors with BRCA2 mutations generally exhibit loss of heterozygosity (LOH) of the wild-type allele.
Product Categories/Family for anti-BRCA2 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395734
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NCBI GeneID	675
NCBI Accession #	NP_000050.2
NCBI GenBank Nucleotide #	NM_000059.3
UniProt Accession #	P51587; O00183; O15008; Q13879; Q5TBJ7
Molecular Weight	384,225 Da
NCBI Official Full Name	breast cancer type 2 susceptibility protein
NCBI Official Synonym Full Names	breast cancer 2, early onset
NCBI Official Symbol	BRCA2
NCBI Official Synonym Symbols	FAD; FACD; FAD1; GLM3; BRCC2; FANCB; FANCD; PNCA2; FANCD1; BROVCA2
NCBI Protein Information	breast cancer type 2 susceptibility protein; fanconi anemia group D1 protein; breast cancer 2 tumor suppressor; BRCA1/BRCA2-containing complex, subunit 2; breast and ovarian cancer susceptibility gene, early onset; truncated breast and ovarian cancer susc
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-immunofluorescence-western-blot-elisa/313806>