

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

BRCA2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA174076	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

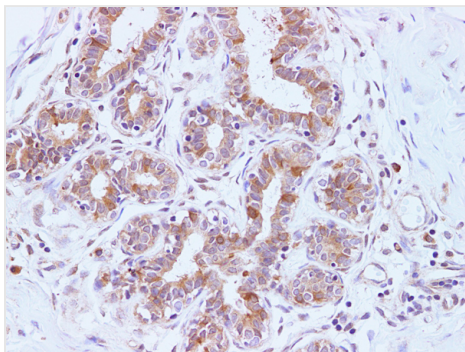
PRODUCT SYNONYMS

BRCA2; Polyclonal Antibody; BRCA2 Polyclonal Antibody; BRCA 2; BRCC2; BROVCA2; FACD; FAD1; FAD; FANCB; FANCD1; FANCD; PNCA2; XRCC11; anti-BRCA2 antibody

PRODUCT SPECIFICATIONS

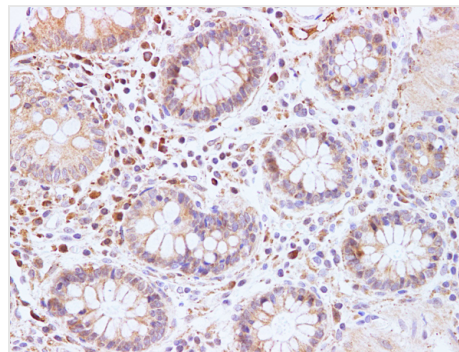
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Concentration	1 mg/mL (varies by lot)
Applicable Applications for anti-BRCA2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human Breast cancer type 2 susceptibility protein
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



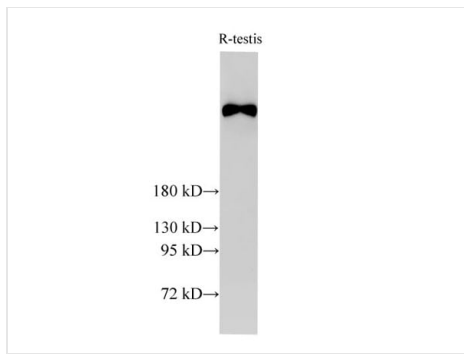
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human breast using BRCA2 Polyclonal Antibody at dilution of 1:100



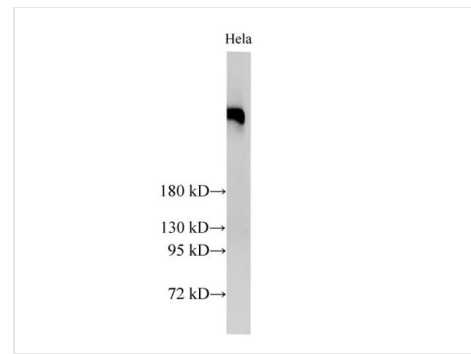
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon using BRCA2 Polyclonal Antibody at dilution of 1:100



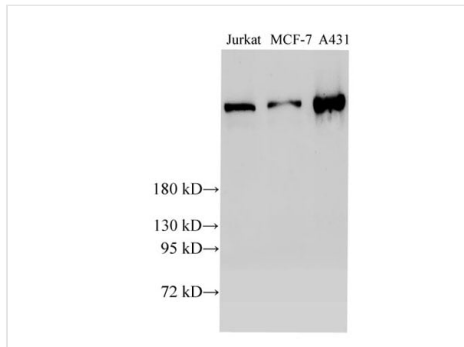
WB (Western Blot)

Western Blot analysis of Rat testis using BRCA2 Polyclonal Antibody at dilution of 1:2000



WB (Western Blot)

Western Blot analysis of HeLa cells using BRCA2 Polyclonal Antibody at dilution of 1:2000



WB (Western Blot)

Western Blot analysis of Jurkat, MCF-7 and A431 cells using BRCA2 Polyclonal Antibody at dilution of 1:2000

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

Cancer; Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GeneID	675
UniProt Accession #	P51587
Molecular Weight	Calculated MW 384 kDa Observed MW 384 kDa

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://www.aaabiotech.com/polyclonal/brca2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/174076>