

Rabbit BRCA1 Polyclonal Antibody | anti-BRCA1 antibody

BRCA1 antibody

CATALOG # AAA224842	HOST Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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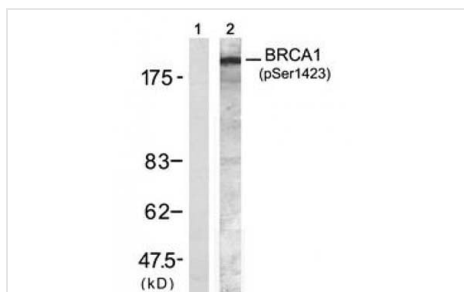
PRODUCT SYNONYMS

BRCA1; Polyclonal Antibody; BRCA1 antibody; Rabbit polyclonal BRCA1 antibody; Polyclonal BRCA1 antibody; Anti-BRCA1 antibody; BRCA-1 antibody; Phospho Ser1423 antibody; Breast cancer 1 early onset antibody; BRCA-1; BRCA 1; BRCA 1 antibody; anti-BRCA1 antibody

PRODUCT SPECIFICATIONS

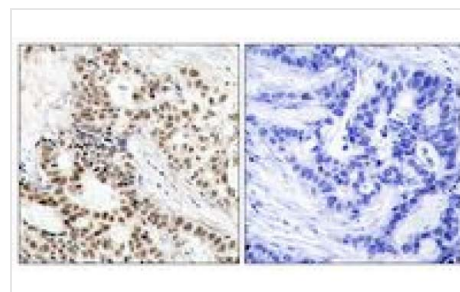
Host	Rabbit
Clonality	Polyclonal
Purity/Purification	Purified by immunoaffinity chromatography.
Form/Format	Liquid form in PBS buffer (no MG2+ or Ca2+), pH 7.4, 150 mm NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1863
Applicable Applications for anti-BRCA1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	BRCA1 antibody was raised in Rabbit using the peptide sequence around phosphorylation site of serine 1423 (H-G-S(p)-Q-P) derived from Human BRCA1 as the immunogen.
Cross-Reactivity	Human
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of extracts from HT29 cells untreated or treated with Anisomycin using BRCA1 (Phospho-Ser1423) antibody



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using BRCA1 (Phospho-Ser1423) antibody (left) or the same antibody preincubated with blocking peptide (right)

ADDITIONAL INFORMATION

Related Product Information for anti-BRCA1 antibody

BRCA1 is a human caretaker gene that produces a protein called breast cancer type 1 susceptibility protein, responsible for repairing DNA. The first evidence for the existence of the gene was provided by the King laboratory at UC Berkeley in 1990. The gene was later cloned in 1994 by scientists at Myriad Genetics.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1698399
NCBI GeneID	672
Molecular Weight	202,342 Da
NCBI Official Full Name	BRCA1
NCBI Official Synonym Full Names	BRCA1, DNA repair associated
NCBI Official Symbol	BRCA1
NCBI Official Synonym Symbols	IRIS; PSCP; BRCAI; BRCC1; FANCS; PNCA4; RNF53; BROVCA1; PPP1R53
NCBI Protein Information	breast cancer type 1 susceptibility protein
UniProt Protein Name	Breast cancer type 1 susceptibility protein
UniProt Gene Name	BRCA1
UniProt Synonym Gene Names	RNF53

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/brca1-antibody-western-blot-immunohistochemistry-elisa/224842>