

anti-Human BRCA1 Antibody | anti-BRCA1 antibody

BRCA1 (Phospho-Ser1423) Antibody

CATALOG # AAA110981	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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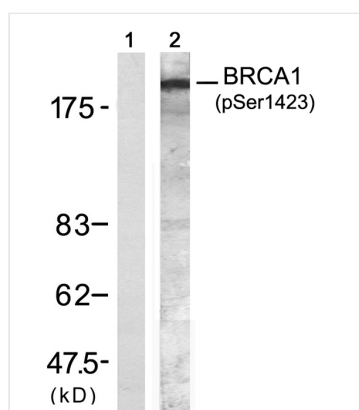
PRODUCT SYNONYMS

BRCA1; BRCA1 (Phospho-Ser1423) Antibody; anti-BRCA1 antibody

PRODUCT SPECIFICATIONS

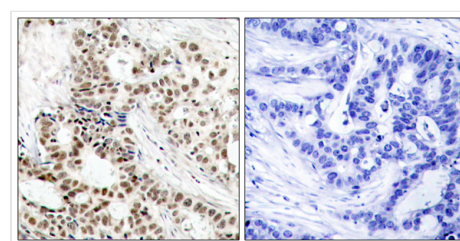
Reactivity	Human
Specificity	BRCA1 (phospho-Ser1423) antibody detects endogenous levels of BRCA1 only when phosphorylated at serine 1423.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	1863
Applicable Applications for anti-BRCA1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human BRCA1 around the phosphorylation site of serine 1423 (H-G-SP-Q-P).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from K562 cells treated with UV (20min), using BRCA1 (phospho-Ser1423) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using BRCA1 (phospho-Ser1423) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-BRCA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Kim ST, et al. (2002) Genes Dev; 16(5): 560-570 Arlt MF, et al. (2004) Mol Cell Biol; 24(15): 6701-6709 Zhang J, et al. (2004) Mol Cell Biol; 24(2): 708-718 Greenberg RA, et al. (2006) Genes Dev; 20(1): 34-46 Tibbetts RS, et al. (2000) Genes Dev; 14(23): 2989-3002.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6552299
NCBI GeneID	672
NCBI Accession #	NP_009225.1
NCBI GenBank Nucleotide #	NM_007294.3
UniProt Accession #	P38398; O15129; Q1RMC1; Q3LRJ0; Q3LRJ6; Q6IN79; Q7KYU9; E9PFZ0
Molecular Weight	202,342 Da
NCBI Official Full Name	breast cancer type 1 susceptibility protein isoform 1
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/human-antibody/brca1/110981>