

Rabbit BRCC36 Polyclonal Antibody | anti-BRCC36 antibody

BRCC36 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303669	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

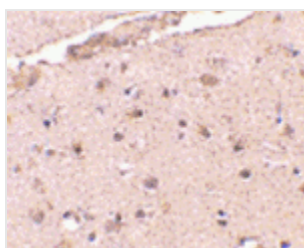
PRODUCT SYNONYMS

BRCC36; Polyclonal Antibody; BRCC36 Antibody; BRCA1; BRCA2-containing complex subunit 3; BRCC3; anti-BRCC36 antibody

PRODUCT SPECIFICATIONS

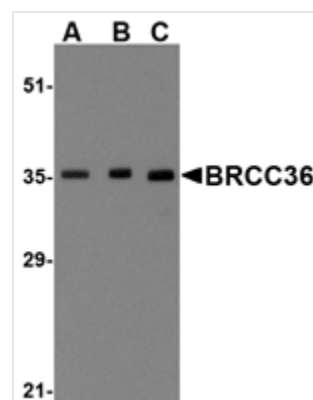
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	316
Applicable Applications for anti-BRCC36 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 18 amino acid peptide from near the amino terminus of human BRCC36.
Target Name	BRCC36
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of BRCC36 in human brain tissue with BRCC36 antibody at 2.5 ug/mL.



WB (Western Blot)

Western blot analysis of BRCC36 in MCF7 cell lysate with BRCC36 antibody at (A) 0.5, (B) 1 and (C) 2 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-BRCC36 antibody	Together with the breast and ovarian predisposition proteins BRCA1 and BRCA2 and RAD51 and BRCC45, BRCC36 forms a holoenzyme complex that possesses a ubiquitin E3 ligase activity. Aberrant levels of BRCC36 were detected in sporadic breast tumors and depletion of either BRCC36 or BRCC45 by siRNA resulted in increased sensitivity to ionizing radiation and defects in the G2/M checkpoint, indicating that BRCC36 acts to enhance cellular survival following DNA damage. Recent experiments have shown that BRCC36 is essential for ionizing radiation-induced BRCA1 phosphorylation and nuclear foci formation, suggesting that BRCC36 may be an important target in the treatment of radiation-resistant breast tumors. At least two isoforms of BRCC36 are known to exist.
Product Categories/Family for anti-BRCC36 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	13236583
NCBI GeneID	79184
NCBI Accession #	NP_077308
NCBI GenBank Nucleotide #	NM_024332.3
Molecular Weight	28,027 Da
NCBI Official Full Name	lys-63-specific deubiquitinase BRCC36 isoform 1
NCBI Official Synonym Full Names	BRCA1/BRCA2-containing complex, subunit 3
NCBI Official Symbol	BRCC3
NCBI Official Synonym Symbols	C6.1A; BRCC36; CXorf53
NCBI Protein Information	lys-63-specific deubiquitinase BRCC36
UniProt Protein Name	Lys-63-specific deubiquitinase BRCC36
UniProt Gene Name	BRCC3
UniProt Synonym Gene Names	BRCC36; C6.1A; CXorf53
UniProt Entry Name	BRCC3_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/brcc36-antibody-immunohistochemistry-western-blot-elisa/303669>