

Rabbit anti-Human, Mouse BRCC36 Polyclonal Antibody | anti-BRCC36 antibody

Rabbit anti-BRCC36 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211908	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

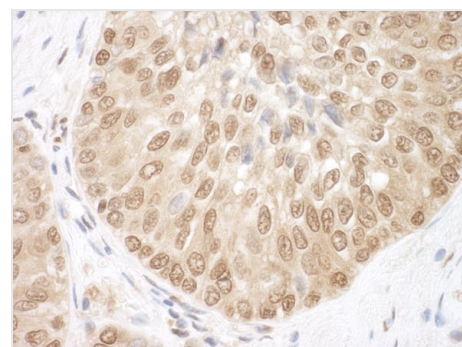
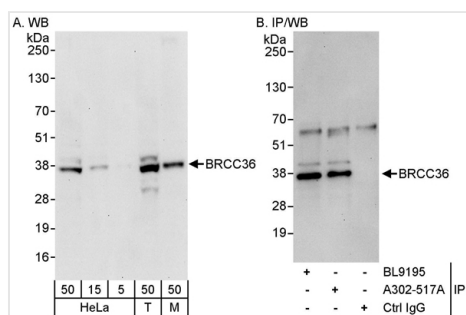
PRODUCT SYNONYMS

BRCC36; Polyclonal Antibody; Rabbit anti-BRCC36 Antibody; Affinity Purified; C6.1A; BRCA1/BRCA2-containing complex subunit 36; lys-63-specific deubiquitinase BRCC36; Cxorf53; BRCA1/BRCA2-containing complex subunit 3; BRCA1-A complex subunit BRCC36; BRISC complex subunit BRCC36; Lys-63-specific deubiquitinase BRCC36; anti-BRCC36 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-BRCC36 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Predicted Reactivity	Orangutan
Immunogen	Between 266 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse BRCC36 by western blot (h&m) and immunoprecipitation (h). Samples: Whole cell lysate from HeLa (5, 15 and 50 ug for WB; 1 mg for IP, 20% of IP loaded), HEK293T (T; 50 ug), and mouse NIH 3T3 (M; 50 ug) cells. Antibodies: Affinity purified rabbit anti-BRCC36 antibody AAA211908 used for WB at 0.1 ug/ml (A) and 0.4 ug/ml (B) and used for IP at 3 ug/mg lysate. BRCC36 was also immunoprecipitated by rabbit anti-BRCC36 antibody BL9195, which recognizes an upstream epitope. Detection: Chemiluminescence with exposure times of 30 second (A and B).

IHC (Immunohistochemistry)

Detection of human BRCC36 by immunohistochemistry. Sample: FFPE section of human prostate carcinoma. Antibody: Affinity purified rabbit anti-BRCC36 (Cat. No. AAA211908) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-BRCC36 antibody	BRCA1/BRCA2-containing complex subunit 36 (BRCC36) is a metalloprotease that specifically cleaves 'Lys-63'-linked polyubiquitin chains. BRCC36 is a component of the BRCA1-A complex, a complex that specifically recognizes 'Lys-63'-linked ubiquitinated histones H2A and H2AX at DNA lesions sites and leads to targeting of the BRCA1-BARD1 heterodimer to sites of DNA damage at double-strand breaks (DSBs). In the BRCA1-A complex, BRCC36 specifically removes 'Lys-63'-linked ubiquitin on histones H2A and H2AX, antagonizing the RNF8-dependent ubiquitination at double-strand breaks (DSBs) [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/P46736].
Product Categories/Family for anti-BRCC36 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	13236583
NCBI GeneID	79184
NCBI Accession #	NP_077308.1
NCBI GenBank Nucleotide #	NM_024332.3
UniProt Accession #	P46736; Q16107; Q53YX5; Q9BTZ6; A6QRF8; A6QRF9; A8MUX5; A8MWH0; A9Z1Y0; A9Z1Y5; B1B062; B4DQN7
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; BRISC complex subunit BRCC36; BRCA1-A complex subunit BRCC36; BRCA1/BRCA2-containing complex subunit 36
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-immunoprecipitation-western-blot-elisa/211908>