

## Rabbit BRCC36 Polyclonal Antibody | anti-BRCC3 antibody

BRCC36 Antibody

|                              |                       |                                        |                                                                                      |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|
| CATALOG #<br><b>AAA39475</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, Western Blot, ELISA</b> |
|------------------------------|-----------------------|----------------------------------------|--------------------------------------------------------------------------------------|

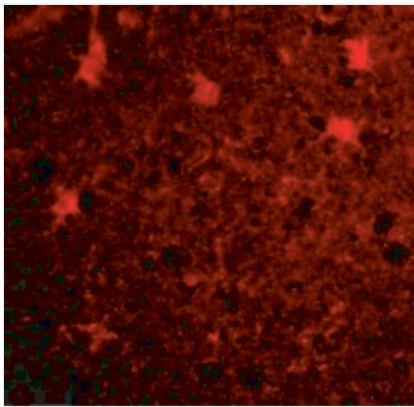
### PRODUCT SYNONYMS

BRCC36; Polyclonal Antibody; BRCC36 Antibody; C6.1A; CXorf53; Lys-63-specific deubiquitinase BRCC36; BRCA1-A complex subunit BRCC36; BRCA1/BRCA2-containing complex; subunit 3; anti-BRCC3 antibody

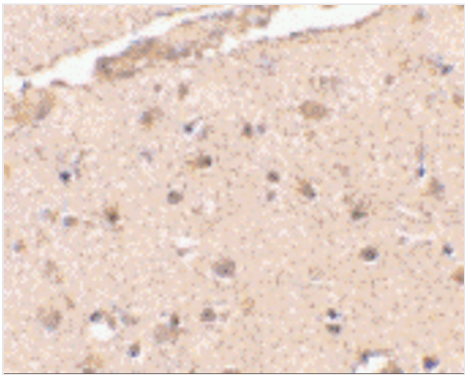
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                       |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                |
| Reactivity                                      | Human, Mouse, Rat                                                                                                     |
| Clonality                                       | Polyclonal                                                                                                            |
| Isotype                                         | IgG                                                                                                                   |
| Purity/Purification                             | BRCC36 Antibody is affinity chromatography purified via peptide column.                                               |
| Form/Format                                     | Liquid                                                                                                                |
| Concentration                                   | 1 mg/mL (varies by lot)                                                                                               |
| Sequence Length                                 | 316                                                                                                                   |
| Applicable Applications for anti-BRCC3 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA                                         |
| Conjugate                                       | Unconjugated                                                                                                          |
| Immunogen                                       | BRCC36 antibody was raised against a 18 amino acid synthetic peptide from near the amino terminus of human BRCC36.    |
| Buffer                                          | BRCC36 Antibody is supplied in PBS containing 0.02% sodium azide.                                                     |
| Preparation and Storage                         | BRCC36 antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures. |

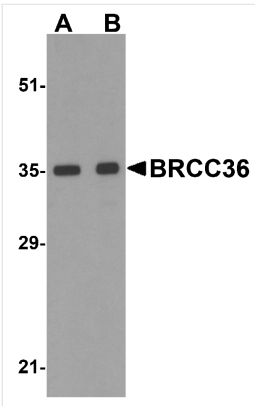
IMAGES



**IF (Immunofluorescence)**  
Immunofluorescence of BRCC36 in Human Brain cells with BRCC36 antibody at 20 &#956;g/mL.



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of BRCC36 in human brain tissue with BRCC36 antibody at 2.5 &#956;g/mL.



**WB (Western Blot)**  
Western blot analysis of BRCC36 in MCF7 cell lysate with BRCC36 antibody at (A) 0.5 and (B) 1 &#956;g/mL.

ADDITIONAL INFORMATION

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-BRCC3 antibody</b> | 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. |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| NCBI GI #                 | 13236583                                                                                       |
| NCBI GeneID               | 79184                                                                                          |
| NCBI Accession #          | NP_077308                                                                                      |
| 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                | <b>BRCC3</b>                                                                                                                                   |
| 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-immunofluorescence-immunohistochemistry-western-blot-elisa/39475>