

## Rabbit anti-Human MERIT40 Polyclonal Antibody | anti-MERIT40 antibody

Rabbit anti-MERIT40 Antibody, Affinity Purified

|                               |                       |                            |                                                                  |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|
| CATALOG #<br><b>AAA211907</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Immunoprecipitation</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------|

### PRODUCT SYNONYMS

MERIT40; Polyclonal Antibody; Rabbit anti-MERIT40 Antibody; Affinity Purified; C19orf62; new component of the BRCA1 A complex; new component of the BRCA1-A complex; NBA1; mediator of RAP80 interactions and targeting subunit of 40 kDa; HSPC142; BRISC and BRCA1-A complex member 1; BRCA1-A complex subunit MERIT40; mediator of Rap80 interactions and targeting 40 kDa; BRISC and BRCA1 A complex member 1; anti-MERIT40 antibody

### PRODUCT SPECIFICATIONS

|                                                   |                                                                                           |
|---------------------------------------------------|-------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                    |
| Reactivity                                        | Human                                                                                     |
| 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-MERIT40 antibody | IHC (Immunohistochemistry), IP (Immunoprecipitation)                                      |
| Predicted Reactivity                              | Mouse, Rat, Bovine, Orangutan                                                             |
| Immunogen                                         | Between 175 and 225                                                                       |
| Conjugation                                       | Unconjugated                                                                              |
| Preparation and Storage                           | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                          |

### IMAGES



#### IP (Immunoprecipitation)

Detection of human MERIT40 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MERIT40 antibody AAA211907 (lot AAA211907-2) used for IP at 6 ug per reaction. MERIT40 was also immunoprecipitated by a previous lot of this antibody (AAA211907-1) and rabbit anti-MERIT40 antibody. For blotting immunoprecipitated MERIT40, AAA211907 was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



#### IHC (Immunohistochemistry)

Detection of human MERIT40 by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-MERIT40 (Cat. No. AAA211907 Lot2) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Related Product Information for anti-MERIT40 antibody | MERIT40 (mediator of RAP80 interactions and targeting subunit of 40 kDa) 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, it is required for the complex integrity and its localization at DSBs. MERIT40 probably also plays a role as a component of the BRISC complex, a multiprotein complex that specifically cleaves 'Lys-63'-linked ubiquitin [taken from the Universal Protein Resource (UniProt) <a href="http://www.uniprot.org/uniprot/Q9NWW8">www.uniprot.org/uniprot/Q9NWW8</a> ]. |
| Product Categories/Family for anti-MERIT40 antibody   | <a href="#">Primary Antibodies</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                      |                                    |
|----------------------|------------------------------------|
| NCBI GeneID          | <a href="#">29086</a>              |
| UniProt Accession #  | <a href="#">Q9NWW8</a>             |
| UniProt Protein Name | BRISC and BRCA1-A complex member 1 |
| UniProt Gene Name    | <b>BABAM1</b>                      |
| UniProt Entry Name   | BABA1_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/merit40-antibody-immunohistochemistry-immunoprecipitation-elisa/211907>