

## Rabbit anti-Human BARD1 Polyclonal Antibody | anti-BARD1 antibody

BARD1 Polyclonal Antibody

|                               |                       |                            |                                                           |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA294314</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

BARD1; Polyclonal Antibody; BARD1 Polyclonal Antibody; BRCA1-associated RING domain protein 1; BARD-1; anti-BARD1 antibody

### PRODUCT SPECIFICATIONS

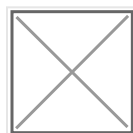
|                                                 |                                                                                                                                                       |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                |
| Reactivity                                      | Human                                                                                                                                                 |
| Clonality                                       | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-BARD1 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                         |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES


**IHC (Immunohistochemistry)**

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.  
Not yet tested in other applications.

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**WB (Western Blot)**

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000.  
Not yet tested in other applications.

### ADDITIONAL INFORMATION

**Related Product Information for anti-BARD1 antibody**

E3 ubiquitin-protein ligase. The BRCA1-BARD1 heterodimer specifically mediates the formation of 'Lys-6'-linked polyubiquitin chains and coordinates a diverse range of cellular pathways such as DNA damage repair, ubiquitination and transcriptional regulation to maintain genomic stability. Plays a central role in the control of the cell cycle in response to DNA damage. Acts by mediating ubiquitin E3 ligase activity that is required for its tumor suppressor function. Also forms a heterodimer with CSTF1/CSTF-50 to modulate mRNA processing and RNAP II stability by inhibiting pre-mRNA 3' cleavage.

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 157266328 |
| NCBI GeneID | 580       |

|                                  |                                                                                                                                                                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_000456.2                                                                                                                                                                                                                                                    |
| NCBI GenBank Nucleotide #        | NM_000465.2                                                                                                                                                                                                                                                    |
| UniProt Accession #              | Q99728; O43574; Q53SS5                                                                                                                                                                                                                                         |
| Molecular Weight                 | 86,648 Da                                                                                                                                                                                                                                                      |
| NCBI Official Full Name          | BRCA1-associated RING domain protein 1                                                                                                                                                                                                                         |
| NCBI Official Synonym Full Names | BRCA1 associated RING domain 1                                                                                                                                                                                                                                 |
| NCBI Official Symbol             | BARD1                                                                                                                                                                                                                                                          |
| NCBI Protein Information         | BRCA1-associated RING domain protein 1; BRCA1-associated RING domain gene 1; BRCA1 associated RING domain 1 isoform eta; BRCA1 associated RING domain 1 isoform phi; BRCA1 associated RING domain 1 isoform alfa; BRCA1 associated RING domain 1 isoform beta; |
| UniProt Protein Name             | BRCA1-associated RING domain protein 1                                                                                                                                                                                                                         |
| UniProt Gene Name                | <b>BARD1</b>                                                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | BARD-1                                                                                                                                                                                                                                                         |
| UniProt Entry Name               | BARD1_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/bard1-antibody-immunohistochemistry-western-blot-elisa/294314>