

Rabbit BARD1 Polyclonal Antibody | anti-BARD1 antibody

BARD1 Antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199203	Rabbit	HumanPredicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

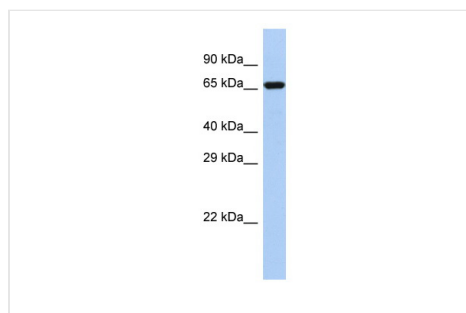
PRODUCT SYNONYMS

BARD1; Polyclonal Antibody; BARD1 Antibody - C-terminal region; anti-BARD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted: Cow, Dog, Guinea Pig, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following sequence: LF DGCYFYLGWT FKHHPKDNLKLVTAGGGQILSRKPKPDSDVTQTINTV
Sequence Length	680
Applicable Applications for anti-BARD1 antibody	WB (Western Blot)
Homology	Cow: 93%; Dog: 100%; Guinea Pig: 100%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human BARD1
Protein Size	680 amino acids
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

Host: RabbitTarget Name: BARD1Sample Type: MCF7 Whole Cell lysatesAntibody Dilution: 1.0ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-BARD1 antibody	This is a rabbit polyclonal antibody against BARD1. It was validated on Western Blot Target Description: This gene encodes a protein which interacts with the N-terminal region of BRCA1. In addition to its ability to bind BRCA1 in vivo and in vitro, it shares homology with the 2 most conserved regions of BRCA1: the N-terminal RING motif and the C-terminal BRCT domain. The RING motif is a cysteine-rich sequence found in a variety of proteins that regulate cell growth, including the products of tumor suppressor genes and dominant protooncogenes. This protein also contains 3 tandem ankyrin repeats. The BARD1/BRCA1 interaction is disrupted by tumorigenic amino acid substitutions in BRCA1, implying that the formation of a stable complex between these proteins may be an essential aspect of BRCA1 tumor suppression. This protein may be the target of oncogenic mutations in breast or ovarian cancer. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-BARD1 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	157266328
NCBI GeneID	580
NCBI Accession #	NP_000456.2
NCBI GenBank Nucleotide #	NM_000465.3
UniProt Accession #	F6MDH8; Q99728
Molecular Weight	74kDa
NCBI Official Full Name	BRCA1-associated RING domain protein 1 isoform 1
NCBI Official Synonym Full Names	BRCA1 associated RING domain 1
NCBI Official Symbol	BARD1
NCBI Protein Information	BRCA1-associated RING domain protein 1

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-western-blot-elisa/199203>