

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

BARD1 Antibody

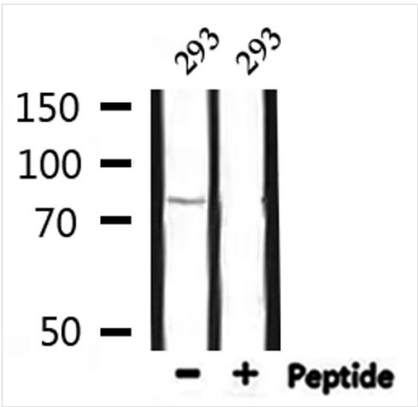
CATALOG # AAA321002	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

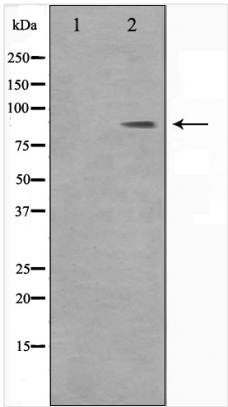
BARD1; Polyclonal Antibody; BARD1 Antibody; Disrupted meiotic cDNA 1 homolog; Disrupted meiotic cDNA 1; yeast; homolog of; dJ199H16.1; DMC 1; DMC1; DMC1 dosage suppressor of mck1 homolog; DMC1 dosage suppressor of mck1 homolog meiosis specific homologous recombination (yeast); DMC1 homologue; DMC1_HUMAN; DMC1H; DNA meiotic recombinase 1; HsLim15; LIM15; Meiotic recombination protein DMC1/LIM15 homolog; MGC150472; MGC150473; anti-BARD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	BARD1 antibody detects endogenous levels of total BARD1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	285
Applicable Applications for anti-BARD1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human BARD1
Subcellular Location	Nucleus. Chromosome.
Predicted Cross Reactivity	Pig, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (100%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Chicken (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from 293, using BARD1 Antibody.



WB (Western Blot)
Western blot analysis on HeLa cell lysate using BARD1 Antibody, The lane on the left is treated with the antigen-specific peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-BARD1 antibody	Description: BARD1 the BRCA1-BARD1 heterodimer 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. Colocalizes with BRCA1 into discrete subnuclear foci during S phase. Can translocate to the cytoplasm. Function: May participate in meiotic recombination, specifically in homologous strand assimilation, which is required for the resolution of meiotic double-strand breaks. Subunit Structure: Interacts with the MND1-PSMC3IP heterodimer (By similarity). Double stacked ring-shaped homooctamer. Interacts with BRCA2. Similarity: Belongs to the RecA family. DMC1 subfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	506324319
NCBI GeneID	11144
NCBI Accession #	NP_001265137.1
NCBI GenBank Nucleotide #	NM_001278208.1
UniProt Accession #	Q14565; Q08A11; Q99498; Q9UH11; A8K9A2; B4DMW6
Molecular Weight	Observed: 86 kDa Predicted: 38 kDa
NCBI Official Full Name	meiotic recombination protein DMC1/LIM15 homolog isoform 2
NCBI Official Synonym Full Names	DNA meiotic recombinase 1
NCBI Official Symbol	DMC1
NCBI Official Synonym Symbols	DMC1H; LIM15; dJ199H16.1
NCBI Protein Information	meiotic recombination protein DMC1/LIM15 homolog
UniProt Protein Name	Meiotic recombination protein DMC1/LIM15 homolog
UniProt Gene Name	DMC1
UniProt Synonym Gene Names	DMC1H; LIM15

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/321002>