

BARD1 Antibody (aa108-124)
Rabbit Polyclonal Antibody
Catalog # ALS11565**Specification**

BARD1 Antibody (aa108-124) - Product Information

Application	IHC
Primary Accession	Q99728
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87kDa KDa

BARD1 Antibody (aa108-124) - Additional Information**Gene ID** 580**Other Names**

BRCA1-associated RING domain protein 1, BARD-1, 6.3.2.-, BARD1

Target/Specificity

Amino acids 108 to 124 of human BARD1

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

BARD1 Antibody (aa108-124) is for research use only and not for use in diagnostic or therapeutic procedures.

BARD1 Antibody (aa108-124) - Protein Information**Name** BARD1**Function**

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.

Cellular Location

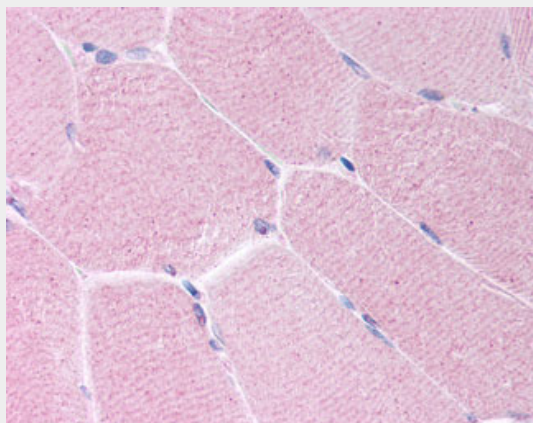
Nucleus. Note=During S phase of the cell cycle, colocalizes with BRCA1 into discrete subnuclear foci. Can translocate to the cytoplasm. Localizes at sites of DNA damage at double-strand breaks (DSBs); recruitment to DNA damage sites is mediated by the BRCA1-A complex

BARD1 Antibody (aa108-124) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

BARD1 Antibody (aa108-124) - Images



Anti-BARD1 antibody IHC of human skeletal muscle.

BARD1 Antibody (aa108-124) - Background

Probable 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.

BARD1 Antibody (aa108-124) - References

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Thai T.H., et al. Hum. Mol. Genet. 7:195-202(1998).
Li L., et al. Cancer Res. 67:11876-11885(2007).
Hillier L.W., et al. Nature 434:724-731(2005).
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