

Datasheet for ABIN7184419
anti-BARD1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	BARD1
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BARD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Synthesized peptide derived from N-terminal of Human BARD1.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	BARD1
Alternative Name:	BARD1 (BARD1 Products)
Background:	Background: Probable E3 ubiquitin-protein ligase. The BRCA1-BARD1 heterodimer specifically

Target Details

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.

Wu L.C., Nat. Genet. 14:430-440(1996).

Thai T.H., Hum. Mol. Genet. 7:195-202(1998).

Hillier L.W., Nature 434:724-731(2005).

Aliases: BARD-1 antibody, Bard1 antibody, BARD1_HUMAN antibody, BRCA1 associated RING domain 1 antibody, BRCA1 associated RING domain gene 1 antibody, BRCA1 associated RING domain protein 1 antibody, BRCA1-associated RING domain protein 1 antibody

UniProt: [Q99728](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: WB:1:500-1:3000,

Restrictions: For Research Use only

Handling

Format: Liquid

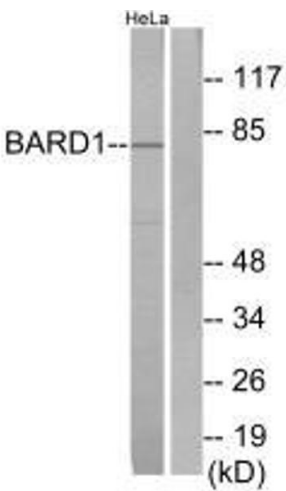
Buffer: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Western Blotting

Image 1. Western blot analysis of extracts from HeLa cells, using BARD1 antibody.