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anti-BARD1 antibody (AA 101-200)





Publication



Overview

Quantity:	100 μL
Target:	BARD1
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BARD1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human BARD1
Isotype:	IgG
Cross-Reactivity:	Human
Predicted Reactivity:	Mouse,Rat,Dog,Cow,Pig,Horse,Chicken
Purification:	Purified by Protein A.

Target Details

Target: BARD1

Target Details

Alternative Name:	BARD1 (BARD1 Products)
Background:	Synonyms: BRCA1-associated RING domain protein 1, BARD-1, BARD1
background.	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.
Gene ID:	580
UniProt:	Q99728
Pathways:	DNA Damage Repair
Application Details	
Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	FCM 1:20-100
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be
	handled by trained staff only.

Handling

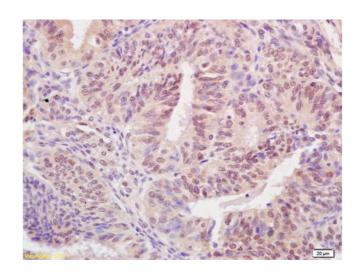
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Publications

Product cited in:

Liu, Ao, Jia, Bai, Xu, Hu, Jiang, Chen, Wu: "FOXK2 transcription factor suppresses ER?-positive breast cancer cell growth through down-regulating the stability of ER? via mechanism involving BRCA1/BARD1." in: **Scientific reports**, Vol. 5, pp. 8796, (2015) (PubMed).

Images



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human breast carcinoma labeled with Rabbit Anti BARD1 Polyclonal Antibody, Unconjugated (ABIN706496) at 1:200 followed by conjugation to the secondary antibody and DAB staining