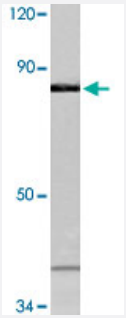
BARD1 polyclonal antibody

Catalog # PAB24949 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with BARD1 polyclonal antibody (Cat # PAB24949) at 1:500 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of BARD1.
Immunogen	A synthetic peptide corresponding to BARD1.
Host	Rabbit
Theoretical MW (kDa)	~85.0
Reactivity	Human
Specificity	BARD1 polyclonal antibody detects endogenous levels of BARD1 protein.
Form	Liquid
Purification	Antigen affinity purification
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.09% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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- Immunohistochemistry

Gene Info — BARD1

Entrez GeneID	580
Gene Name	BARD1
Gene Alias	-
Gene Description	BRCA1 associated RING domain 1
Omim ID	114480 601593
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which interacts with the N-terminal region of BRCA1. In addition to it s 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 cyste ine-rich sequence found in a variety of proteins that regulate cell growth, including the products of t umor suppressor genes and dominant protooncogenes. This protein also contains 3 tandem anky rin repeats. The BARD1/BRCA1 interaction is disrupted by tumorigenic amino acid substitutions i n BRCA1, implying that the formation of a stable complex between these proteins may be an ess ential aspect of BRCA1 tumor suppression. This protein may be the target of oncogenic mutation s in breast or ovarian cancer. [provided by RefSeq
Other Designations	BRCA1-associated RING domain 1|BRCA1-associated RING domain gene 1

Disease

- Adenocarcinoma

- Ataxia telangiectasia
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Carcinoma in Situ
- Colorectal Neoplasms
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Lung Neoplasms
- Neoplasms
- Neoplastic Syndromes
- Neuroblastoma
- Ovarian cancer
- Ovarian Neoplasms
- Papillomavirus Infections
- Prostate cancer
- Prostatic Neoplasms
- Pulmonary Disease
- Tobacco Use Disorder
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Werner syndrome