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Product datasheet for TA362600

BARD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies	
Applications:	WB	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human BARD1	
Specificity:	Expected reactivity: Human	
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. Note that this product is shipped as lyophilized powder to China customers.	
Concentration:	lot specific	
Purification:	Affinity purified	
Conjugation:	Unconjugated	
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.	
Stability:	Shelf life: one year from despatch.	
Predicted Protein Size:	85 kDa	
Gene Name:	BRCA1 associated RING domain 1	
Database Link:	<u>NP_000456.2</u> <u>Entrez Gene 580 Human</u> <u>Q99728</u>	



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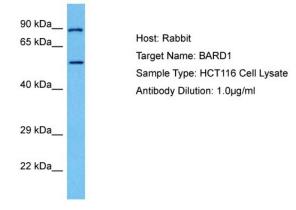
BARD1 Rabbit Polyclonal Antibody – TA362600

Background:	This gene encodes a protein which interacts with the N-terminal region of BRCA1. In addition to its 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 cysteine-rich sequence found in a variety of proteins that regulate cell growth, including the products of tumor suppressor genes and dominant protooncogenes. This protein also contains 3 tandem ankyrin repeats. The BARD1/BRCA1 interaction is disrupted by tumorigenic amino acid substitutions in BRCA1, implying that the formation of a stable complex between these proteins may be an essential aspect of BRCA1 tumor suppression. This protein may be the target of oncogenic mutations in breast or ovarian cancer. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene.
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Synonyms:	BARD-1
Protein Families:	Druggable Genome

Protein Families:

Product images:



Host: Rabbit Target Name: BARD1 Sample Tissue: Human HCT116 Whole Cell lysates Antibody Dilution: 1ug/ml

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