



Rabbit Anti-Human BARD1 Polyclonal antibody (CPBT-67534RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This product is specific for human BARD1 (BRCA1 associated Ring Domain 1). BARD1 possesses an N-terminal RING motif and the C-terminal BRCT domain. As the name suggests, this protein is the major cellular binding protein of BRCA1. BARD1 is thought to play a key role in regulating BRCA1 stability, localisation and function. BARD1 is also reported to function as a tumour suppressor, since mutations in this protein have been implicated in a number of breast and ovarian cancers.
Specificity	BARD1
Immunogen	Synthetic peptide corresponding to a region of human BARD1 encoded within exon 4.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	IP; WB
Format	Purified IgG - liquid
Size	50 µg
Preservative	0.09% Sodium Azide
Storage	in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	BARD1 BRCA1 associated RING domain 1 [Homo sapiens (human)]
Official Symbol	BARD1
Synonyms	BARD1; BRCA1 associated RING domain 1; BRCA1-associated RING domain protein 1; BRCA1-associated RING domain gene 1;
Entrez Gene ID	580
Protein Refseq	NP_000456
UniProt ID	Q99728
Chromosome Location	2q35
Pathway	BARD1 signaling events; Integrated Breast Cancer Pathway; Integrated Cancer pathway; Prostate Cancer; RB in Cancer;
Function	RNA binding; kinase binding; ligase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; contributes_to ubiquitin-protein transferase activity; ubiquitin-protein transferase activity; zinc ion binding;