

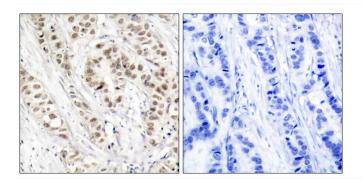


## BRCA1 (phospho Ser1524) Polyclonal Antibody

Catalog No   BYab-00149     Isotype   IgG     Reactivity   Human;Rat;Mouse;     Applications   WB;IHC;IF;ELISA     Gene Name   BRCA1     Protein Name   Breast cancer type 1 susceptibility protein     Immunogen   The antiserum was produced against synthesized peptide derived from human BRCA1 around the phosphorylation site of Ser1524. AA range:1491-1540     Specificity   Phospho-BRCA1 (S1524) Polycional Antibody detects endogenous levels of BRCA1 protein only when phosphorylated at S1524.     Formulation   Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.     Source   Polyclonal, Rabbit,IgG     Purification   The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.     Dilution   I HC: 1/100 - 1/300. ELISA: 1/10000. IF 1:50-200     Concentration   1 mg/ml     Purify   ≥90%     Storage Stability   -20°C/1 year     Synonyms   BRCA1: and the BRCA1. Ac complex (PubMed.2071673126). Transforeade to the otypoplasm during UV-induced appotosis (PubMed.20160719); [Isoform 3]: cytoplasm.     Tissue Specificity   Isoform 1 and isoform 3 are widely expressed. Isoform 3 is reduced or absent in several breast and covarian cancer cell lines.     Function   diseasez-Defects in BRCA1 a		
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博研生物 BYabscience	国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询
	increased risk of prostate cancer. Cells lacking BRCA1 show defects in DNA repair by homologous recombination.,disease:Defects in BRCA1 are a cause of genetic susceptibility to ovarian cancer [MIM:113705].,disease:Defects in BRCA1 are a cause of susceptibility to familial breast-ovarian cancer type 1 (BROVCA1) [MIM:604370]. Mutations in BRCA1 are
Background	This gene encodes a nuclear phosphoprotein that plays a role in maintaining genomic stability, and it also acts as a tumor suppressor. The encoded protein combines with other tumor suppressors, DNA damage sensors, and signal transducers to form a large multi-subunit protein complex known as the BRCA1-associated genome surveillance complex (BASC). This gene product associates with RNA polymerase II, and through the C-terminal domain, also interacts with histone deacetylase complexes. This protein thus plays a role in transcription, DNA repair of double-stranded breaks, and recombination. Mutations in this gene are responsible for approximately 40% of inherited breast cancers and more than 80% of inherited breast and ovarian cancers. Alternative splicing plays a role in modulating the subcellular localization and physiological function of this gene. Many alternatively spliced transcript varian
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## **Products Images**



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using BRCA1 (Phospho-Ser1524) Antibody. The picture on the right is blocked with the phospho peptide.

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