— ABLYBIO, Help Your Research

# BRCA1 Rabbit pAb

**货号: AYP14190**

## 产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **WB:** Homo sapiens |
| 应用 | WB IF/ICC |
| 推荐浓度 | **WB:** 1:100 - 1:500<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 7kDa/78-85kDa/202-210kDa |
| 实测分子量 | 7kDa/78-85kDa/202-210kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | MCF-7 cells |
| 细胞定位 | Chromosome,Cytoplasm,Cytoplasm,Nucleus |
| 纯化 | Affinity purification |

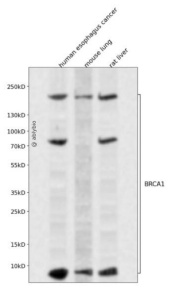
## 抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 400-699 of human BRCA 1 (NP_009230.2). |

## 靶点信息

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| 研究背景 | 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 variants, some of which are disease-associated mutations, have been described for this gene, but the full-length natures of only some of these variants has been described. A related pseudogene, which is also located on chromosome 17, has been identified. |
| 基因ID | 672 |
| 基因名 | BRCA1 |
| Swiss | P38398 (https://www.uniprot.org/uniprotkb/P38398/entry) |
| 别名 | BRCA1,BRCAI,BRCC1,BROVCA1,FANCS,IRIS,PNCA4,PPP1R53,PSCP,RNF53,BRCA1 Rabbit pAb,RING finger protein 53,RING-type E3 ubiquitin transferase BRCA1 |

## 产品验证




Western blot analysis of BRCA1 expressed in human esophagus cancer,mouse lung,rat liver using BRCA1 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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