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Phospho-BRCA1-S1423 Rabbit pAb

货号: AYP25272

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200
理论分子量	7kDa/78-85kDa/202-210kDa
实测分子量	270kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	HT-29
细胞定位	Chromosome,Cytoplasm,Cytoplasm,Nucleus
纯化	Affinity purification

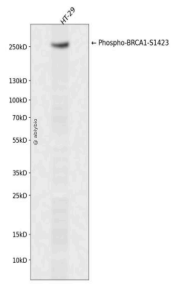
抗原信息

抗原信息	A synthetic phosphorylated peptide around S1423 of human BRCA1 (NP_009225.1).

靶点信息

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,Phospho-BRCA1-S1423 Rabbit pAb,RING finger protein 53,RING-type E3 ubiquitin transferase BRCA1

产品验证



Western blot analysis of Phospho-BRCA1-S1423 expressed in HT-29 using Phospho-BRCA1-S1423 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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