— ABLYBIO, Help Your Research

# Phospho-ABL1-Y245 Rabbit pAb

**货号: AYP15670**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | |
| 应用 | WB IHC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200 |
| 理论分子量 | 122kDa/124kDa |
| 实测分子量 | 124kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Rat liver |
| 细胞定位 | Cytoplasm,Lipid-anchor,Mitochondrion,Nucleus,Nucleus membrane,cytoskeleton |
| 纯化 | Affinity purification |

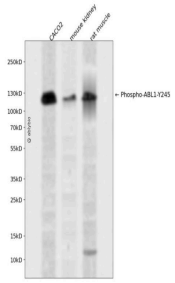
## 抗原信息

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|---|---|
| 抗原信息 | A synthetic phosphorylated peptide around Y245 of human ABL1 (NP_005148.2). |

## 靶点信息

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| 研究背景 | This gene is a protooncogene that encodes a protein tyrosine kinase involved in a variety of cellular proc esses, including cell division, adhesion, differentiation, and response to stress. The activity of the protein is negatively regulated by its SH3 domain, whereby deletion of the region encoding this domain results in an oncogene. The ubiquitously expressed protein has DNA-binding activity that is regulated by CDC2-me diated phosphorylation, suggesting a cell cycle function. This gene has been found fused to a variety of tr anslocation partner genes in various leukemias, most notably the t(9;22) translocation that results in a fu sion with the 5' end of the breakpoint cluster region gene (BCR; MIM:151410). Alternative splicing of this gene results in two transcript variants, which contain alternative first exons that are spliced to the remain ing common exons. |
| 基因ID | 25 |
| 基因名 | ABL1 |
| Swiss | P00519 (https://www.uniprot.org/uniprotkb/P00519/entry) |
| 别名 | ABL,JTK7,p150,c-ABL,v-abl,CHDSKM,c-ABL1,ABL1,bcr/abl,Phospho-ABL1-Y245 Rabbit pAb,Abelson murine l eukemia viral oncogene homolog 1,Abelson tyrosine-protein kinase 1,Proto-oncogene c-Abl |

## 产品验证




Western blot analysis of Phospho-ABL1-Y245 expressed in CACO2,mouse kidney,rat muscle using Phospho -ABL1-Y245 Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysate s/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Expo sure time: 120s.

## 实验步骤

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