

— ABLYBIO, Help Your Research



# NOX2/gp91phox Rabbit pAb

货号: **AYP11140**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse,Rat  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  | <b>WB:</b> Homo sapiens , Rattus norvegicus , Mus musculus<br><b>IHC:</b> Mus musculus , Homo sapiens<br><b>IF:</b> Rattus norvegicus , Mus musculus |
| 应用    | WB IHC IF/ICC  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:1000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200   |
| 理论分子量 | 65kDa  |
| 实测分子量 | 65KDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.   |
| 偶联物   | Unconjugated   |
| 阳性对照  | LO2,HL-60  |
| 细胞定位  | Cell membrane,Multi-pass membrane protein  |
| 纯化    | Affinity purification  |

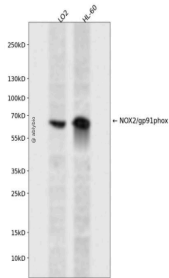
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | A synthetic peptide corresponding to a sequence within amino acids 100-200 of human NOX2/gp91phox (NP_000388.2). |
|------|--|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | Cytochrome b (-245) is composed of cytochrome b alpha (CYBA) and beta (CYBB) chain. It has been proposed as a primary component of the microbicidal oxidase system of phagocytes. CYBB deficiency is one of five described biochemical defects associated with chronic granulomatous disease (CGD). In this disorder, there is decreased activity of phagocyte NADPH oxidase; neutrophils are able to phagocytize bacteria but cannot kill them in the phagocytic vacuoles. The cause of the killing defect is an inability to increase the cell's respiration and consequent failure to deliver activated oxygen into the phagocytic vacuole. |
| 基因ID  | 1536   |
| 基因名   | CYBB   |
| Swiss | P04839 ( <a href="https://www.uniprot.org/uniprotkb/P04839/entry">https://www.uniprot.org/uniprotkb/P04839/entry</a> )   |
| 别名    | AMCBX2,CGD,GP91-1,GP91-PHOX,GP91PHOX,IMD34,NOX2,p91-PHOX,CYBB,NOX2/gp91phox Rabbit pAb,CGD91-phox,Cytochrome b(558) subunit beta,Cytochrome b-245 heavy chain,Heme-binding membrane glycoprotein gp91phox,Neutrophil cytochrome b 91 kDa polypeptide,Superoxide-generating NADPH oxidase heavy chain subunit   |

## 产品验证



Western blot analysis of NOX2/gp91phox expressed in LO2,HL-60 using NOX2/gp91phox 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

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/>[www.ablybio.cn](http://www.ablybio.cn))