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# PERK Antibody

货号: **AYP4831**

## 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 ELISA   |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF:</b> 1:50 - 1:200              |
| 理论分子量 | 125kDa  |
| 实测分子量 |   |
| 形式    | Liquid  |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated  |
| 阳性对照  | 293T  |
| 细胞定位  | Endoplasmic reticulum membrane,Single-pass type I membrane protein                            |
| 纯化    | Affinity purification   |

## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Synthesized peptide derived from Human PERK. |
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## 靶点信息

|       |   |
|-------|---|
| 研究背景  | The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2, leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. This protein is thought to modulate mitochondrial function. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malfolded proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome. |
| 基因ID  | 9451  |
| 基因名   | EIF2AK3   |
| Swiss | Q9NZJ5 ( <a href="https://www.uniprot.org/uniprotkb/Q9NZJ5/entry">https://www.uniprot.org/uniprotkb/Q9NZJ5/entry</a> )  |
| 别名    | EIF2AK3,PEK,PERK,WRS,PERK Antibody,PRKR-like endoplasmic reticulum kinase,Pancreatic eIF2-alpha kinase,Protein tyrosine kinase EIF2AK3  |

## 产品验证

## 实验步骤

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