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# LIMK2 Rabbit pAb

货号: **AYP17050**

## 产品信息

|       |  |
|-------|--|
| 反应    | Human,Mouse  |
| 宿主    | Rabbit   |
| 克隆性   | Polyclonal   |
| 预测反应  |  |
| 应用    | WB IF/ICC  |
| 推荐浓度  | <b>WB:</b> 1:500 - 1:2000<br><b>IF/ICC:</b> 1:50 - 1:200   |
| 理论分子量 | 69kDa/72kDa/77kDa  |
| 实测分子量 | 80kDa  |
| 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  | HepG2,HeLa,Mouse pancreas  |
| 细胞定位  | Cytoplasm,Nucleus,Nucleus  |
| 纯化    | Affinity purification  |

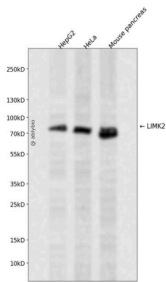
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human LIMK2 (NP_001026971.1). |
|------|--|

## 靶点信息

|       |  |
|-------|--|
| 研究背景  | There are approximately 40 known eukaryotic LIM proteins, so named for the LIM domains they contain. LIM domains are highly conserved cysteine-rich structures containing 2 zinc fingers. Although zinc fingers usually function by binding to DNA or RNA, the LIM motif probably mediates protein-protein interactions. LIM kinase-1 and LIM kinase-2 belong to a small subfamily with a unique combination of 2 N-terminal LIM motifs and a C-terminal protein kinase domain. The protein encoded by this gene is phosphorylated and activated by ROCK, a downstream effector of Rho, and the encoded protein, in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity. It is thought that this pathway contributes to Rho-induced reorganization of the actin cytoskeleton. At least three transcript variants encoding different isoforms have been found for this gene. |
| 基因ID  | 3985   |
| 基因名   | LIMK2  |
| Swiss | P53671 ( <a href="https://www.uniprot.org/uniprotkb/P53671/entry">https://www.uniprot.org/uniprotkb/P53671/entry</a> )   |
| 别名    | LIMK2,LIMK2 Rabbit pAb   |

## 产品验证



Western blot analysis of LIMK2 expressed in HepG2, HeLa, Mouse pancreas using LIMK2 Rabbit pAb at 1:10 00. 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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