

# Zyxin Rabbit pAb

货号: **AYP17571**

## 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  | <b>WB:</b> 1:500 - 1:2000<br><b>IHC:</b> 1:50 - 1:200<br><b>IF/ICC:</b> 1:50 - 1:200                 |
| 理论分子量 | 45kDa/61kDa  |
| 实测分子量 | 78kDa  |
| 形式    | Liquid   |
| 保存条件  | Store at -20°C. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物   | Unconjugated   |
| 阳性对照  | HeLa   |
| 细胞定位  | Cell junction,Cytoplasm,Nucleus,cytoskeleton,focal adhesion  |
| 纯化    | Affinity purification  |

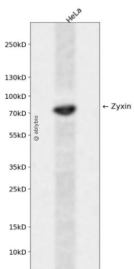
## 抗原信息

|      |  |
|------|--|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 350-572 of human Zyxin (NP_003452.1).  |
| 序列   | PLTLKEVEELEQLTQQLMQDMEHPQRQNVAVNELCGRCHQPLARAQPAVRALGQLFHACFTCHQCAQQLQGQQFYLSLE<br>GAPYCEGCVYTDLTLEKNTCGEPITDRMLRATGKAYHPHCFTCVVCARPLEGTSFIVDQANRPHCVDPYHKQYAPRCSVCSE<br>PIMPEPGRDETVRVVALDKNFHMCKYKCEDCGKPLSIEADDNGCFPLDGHVLCRKCHTARAQT |

## 靶点信息

|       |   |
|-------|---|
| 研究背景  | Focal adhesions are actin-rich structures that enable cells to adhere to the extracellular matrix and at which protein complexes involved in signal transduction assemble. Zyxin is a zinc-binding phosphoprotein that concentrates at focal adhesions and along the actin cytoskeleton. Zyxin has an N-terminal proline-rich domain and three LIM domains in its C-terminal half. The proline-rich domain may interact with SH3 domains of proteins involved in signal transduction pathways while the LIM domains are likely involved in protein-protein binding. Zyxin may function as a messenger in the signal transduction pathway that mediates adhesion-stimulated changes in gene expression and may modulate the cytoskeletal organization of actin bundles. Alternative splicing results in multiple transcript variants that encode the same isoform. |
| 基因ID  | 7791  |
| 基因名   | ZYX   |
| Swiss | Q15942  |
| 别名    | ZYX;ESP-2;HED-2;zyxin   |

## 产品验证



Western blot analysis of Zyxin expressed in HeLa using Zyxin 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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