

# alpha Actinin 4 (YD13175) Rabbit mAb

货号: **AYD13796**

## 产品信息

|       |   |
|-------|---|
| 反应    | Human,Mouse,Rat   |
| 宿主    | Rabbit  |
| 克隆性   | Monoclonal  |
| 预测反应  |   |
| 应用    | WB IHC-P ICC/IF FC IP   |
| 推荐浓度  |   |
| 理论分子量 | 105kDa  |
| 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  | HeLa,HepG2,Raji,Mouse liver,Mouse kidney,Mouse heart,Rat lung,Rat kidney                      |
| 细胞定位  | Nucleus, Cytoplasm, Cell junction, cytoskeleton, stress fiber, perinuclear region             |
| 纯化    |   |

## 抗原信息

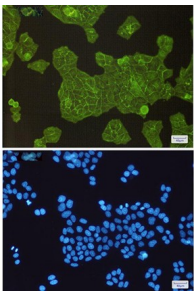
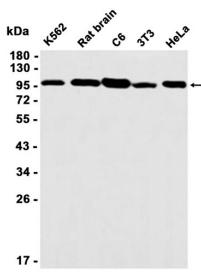
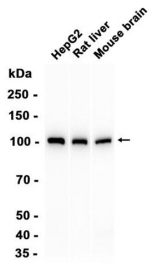
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| 抗原信息 |  |
|------|--|

## 靶点信息

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|------|--|
| 研究背景 | Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, alpha actinin isoform which is concentrated in the cytoplasm, and thought to be involved in metastatic processes. Mutations in this gene have been associated with focal and segmental glomerulosclerosis. |
| 基因ID | 81   |

|       |                           |
|-------|---------------------------|
| 基因名   | ACTN4                     |
| Swiss | O43707                    |
| 别名    | alpha Actinin 4 (YD13175) |

## 产品验证



## 实验步骤

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