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# Aldolase Rabbit mAb

**货号: AYM31453**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB IHC IF/ICC |
| 推荐浓度 | **WB:** 1:500 - 1:2000<br>**IHC:** 1:50 - 1:200<br>**IF/ICC:** 1:50 - 1:200 |
| 理论分子量 | 39kDa/45kDa |
| 实测分子量 | 39kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | MCF7,DU145,293T,HepG2,Jurkat,A-549,CEM,Mouse skeletal muscle,Mouse kidney |
| 细胞定位 | Cytoplasm,I band,M line,myofibril,sarcomere |
| 纯化 | Affinity purification |

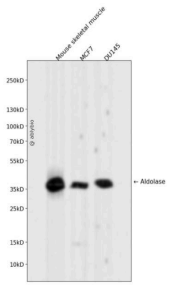
## 抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Aldolase. |

## 靶点信息

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| 研究背景 | The protein encoded by this gene, Aldolase A (fructose-bisphosphate aldolase), is a glycolytic enzyme that catalyzes the reversible conversion of fructose-1,6-bisphosphate to glyceraldehyde 3-phosphate and dihydroxyacetone phosphate. Three aldolase isozymes (A, B, and C), encoded by three different genes, are differentially expressed during development. Aldolase A is found in the developing embryo and is produced in even greater amounts in adult muscle. Aldolase A expression is repressed in adult liver, kidney and intestine and similar to aldolase C levels in brain and other nervous tissue. Aldolase A deficiency has been associated with myopathy and hemolytic anemia. Alternative splicing and alternative promoter usage results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 3 and 10. |
| 基因ID | 226 |
| 基因名 | ALDOA |
| Swiss | P04075 (https://www.uniprot.org/uniprotkb/P04075/entry) |
| 别名 | Aldolase,Aldolase Rabbit mAb,ALDOA,Lung cancer antigen NY-LU-1,Muscle-type aldolase,ALDA |

## 产品验证




Western blot analysis of Aldolase expressed in Mouse skeletal muscle,MCF7,DU145 using Aldolase Rabbit mAb 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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