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# OTX2 Rabbit mAb

**货号: AAY2076**

## 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 IP ELISA |
| 推荐浓度 | **IHC:** 1:200-1:1000<br>**WB:** 1:2000-1:10000<br>**IF:** 1:200-1:1000<br>**ELISA:** 1:5000-1:20000<br>**IP:** 1:50-1:200 |
| 理论分子量 | 32kD |
| 实测分子量 | 31kD,33kD |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.75% BSA,50% glycerol,pH7.1078. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse liver,Mouse brain |
| 细胞定位 | Nucleus |
| 纯化 | 亲和纯化 |

## 抗原信息

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|---|---|
| 抗原信息 | |

## 靶点信息

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| 研究背景 | This gene encodes a member of the bicoid subfamily of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and plays a role in brain, craniofacial, and sensory organ development. The encoded protein also influences the proliferation and differentiation of dopaminergic neuronal progenitor cells during mitosis. Mutations in this gene cause syndromic microphthalmia 5 (MCOPS5) and combined pituitary hormone deficiency 6 (CPHD6). This gene is also suspected of having an oncogenic role in medulloblastoma. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Pseudogenes of this gene are known to exist on chromosomes two and nine. |
| 基因ID | 5015 |
| 基因名 | OTX2;Homeobox protein OTX2;OTX2;Homeobox protein OTX2;Orthodenticle homolog 2 |
| Swiss | P32243 (https://www.uniprot.org/uniprotkb/P32243/entry) |
| 别名 | OTX2;Homeobox protein OTX2;OTX2;Homeobox protein OTX2;Orthodenticle homolog 2 |

**产品验证**

**实验步骤**

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