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# SOX2 Rabbit pAb

**货号: AYP14151**

## 产品信息

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|---|---|
| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | **IF:** Homo sapiens |
| 应用 | WB IHC |
| 推荐浓度 | **WB:** 1:500 - 1:1000<br>**IHC:** 1:50 - 1:200 |
| 理论分子量 | 34kDa |
| 实测分子量 | 36kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20℃. Avoid freeze / thaw cycles.<br>Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | MCF7,A-549,Mouse brain,Rat brain |
| 细胞定位 | Nucleus |
| 纯化 | Affinity purification |

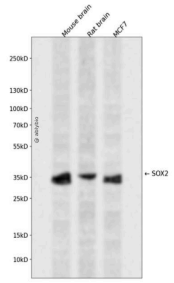
## 抗原信息

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|---|---|
| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human SOX2 (NP_003097.1). |

## 靶点信息

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| 研究背景 | This intronless gene encodes a member of the SRY-related HMG-box (SOX) family of transcription factors involved in the regulation of embryonic development and in the determination of cell fate. The product of this gene is required for stem-cell maintenance in the central nervous system, and also regulates gene expression in the stomach. Mutations in this gene have been associated with optic nerve hypoplasia and with syndromic microphthalmia, a severe form of structural eye malformation. This gene lies within an intron of another gene called SOX2 overlapping transcript (SOX2OT). |
| 基因ID | 6657 |
| 基因名 | SOX2 |
| Swiss | P48431 (https://www.uniprot.org/uniprotkb/P48431/entry) |
| 别名 | ANOP3,MCOPS3,SOX2,SRY-box 2,SOX2 Rabbit pAb |

## 产品验证




Western blot analysis of SOX2 expressed in Mouse brain,Rat brain,MCF7 using SOX2 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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