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# SOX2 Rabbit pAb

货号: **AYP11093**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	<b>WB:</b> mouse brain , Mus musculus , Homo sapiens <b>IF:</b> Hippocampal , Mus musculus , Homo sapiens , Gallus gallus <b>IHC:</b> Homo sapiens , Mus musculus <b>IP:</b> Homo sapiens
应用	WB IHC IF/ICC IP
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:50 - 1:200
理论分子量	34kDa
实测分子量	35KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,MCF7,Mouse lung,Rat brain
细胞定位	Nucleus
纯化	Affinity purification

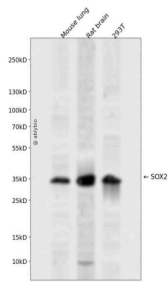
## 抗原信息

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

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 ( <a href="https://www.uniprot.org/uniprotkb/P48431/entry">https://www.uniprot.org/uniprotkb/P48431/entry</a> )
别名	ANOP3,MCOPS3,SOX2,SRY-box 2,SOX2 Rabbit pAb

## 产品验证



Western blot analysis of SOX2 expressed in Mouse lung,Rat brain,293T 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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