

# SMOX Rabbit pAb

货号: **AYP19927**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:1000 <b>IHC:</b> 1:50 - 1:200
理论分子量	20kDa/43kDa/56kDa/59kDa/61kDa/65kDa
实测分子量	62KDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T,C2C12,Rat testis,Rat pancreas
细胞定位	Cytoplasm,Nucleus
纯化	Affinity purification

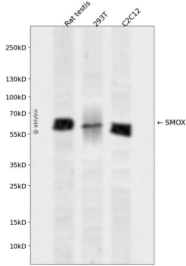
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 300-544 of human SMO X (NP_787033.1).
序列	PRGGRWDEDEQWSVVVECEDCELIPADHVIVTVSLGVLRQYTSFFRPGLPTEKVAAIHLRGIGTTDKIFLEFEPEPFWGPEC NSLQFVWEDEAEHTLTYPPELWYRKICGFDVLYPPERYPYGHVLSGWICGEEALVMEKCDDEAVAEICTEMLRQFTGNPNIP KPRRILRSAWGSNPYFRGSYSYTVQVGSAGADVEKLAKPLPYTESSKTAPMQVLFSGEATHRKYSTTHGALLSGQREAAAR LI

## 靶点信息

研究背景	Polyamines are ubiquitous polycationic alkylamines which include spermine, spermidine, putrescine, and agmatine. These molecules participate in a broad range of cellular functions which include cell cycle modulation, scavenging reactive oxygen species, and the control of gene expression. These molecules also play important roles in neurotransmission through their regulation of cell-surface receptor activity, involvement in intracellular signalling pathways, and their putative roles as neurotransmitters. This gene encodes an FAD-containing enzyme that catalyzes the oxidation of spermine to spermidine and secondarily produces hydrogen peroxide. Multiple transcript variants encoding different isoenzymes have been identified for this gene, some of which have failed to demonstrate significant oxidase activity on natural polyamine substrates. The characterized isoenzymes have distinctive biochemical characteristics and substrate specificities, suggesting the existence of additional levels of complexity in polyamine catabolism.
基因ID	54498
基因名	SMOX
Swiss	Q9NWM0
别名	SMOX;C20orf16;PAO;PAO-1;PAO1;PAOH;PAOH1;SMO

## 产品验证



Western blot analysis of SMOX expressed in Rat testis, 293T, C2C12 using SMOX 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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