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# nNOS Rabbit mAb

货号: **AYM29488**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200 <b>IF/ICC:</b> 1:50 - 1:200 <b>IP:</b> 1:20 - 1:50 <b>FC:</b> 1:20 - 1:50
理论分子量	43kDa/125kDa/148kDa/160kDa/164kDa
实测分子量	161kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Rat brain
细胞定位	Cell membrane,Cell projection,Peripheral membrane protein,dendritic spine,sarcolemma
纯化	Affinity purification

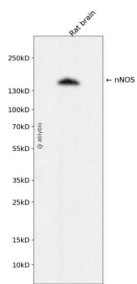
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human nNOS .
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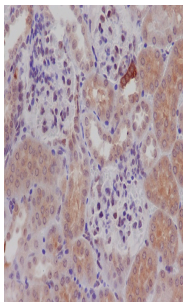
## 靶点信息

研究背景	The protein encoded by this gene belongs to the family of nitric oxide synthases, which synthesize nitric oxide from L-arginine. Nitric oxide is a reactive free radical, which acts as a biologic mediator in several processes, including neurotransmission, and antimicrobial and antitumoral activities. In the brain and peripheral nervous system, nitric oxide displays many properties of a neurotransmitter, and has been implicated in neurotoxicity associated with stroke and neurodegenerative diseases, neural regulation of smooth muscle, including peristalsis, and penile erection. This protein is ubiquitously expressed, with high level of expression in skeletal muscle. Multiple transcript variants that differ in the 5' UTR have been described for this gene but the full-length nature of these transcripts is not known. Additionally, alternatively spliced transcript variants encoding different isoforms (some testis-specific) have been found for this gene.
基因ID	4842
基因名	NOS1
Swiss	P29475 ( <a href="https://www.uniprot.org/uniprotkb/P29475/entry">https://www.uniprot.org/uniprotkb/P29475/entry</a> )
别名	nNOS,nNOS Rabbit mAb,NOS1,Constitutive NOS,NC-NOS,NOS type I,Neuronal NOS,Nitric oxide synthase,brain,Peptidyl-cysteine S-nitrosylase NOS1

## 产品验证



Western blot analysis of nNOS expressed in Rat brain using nNOS 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.



Immunohistochemical analysis of paraffin-embedded mouse kidney, using nNOS (neuronal) Antibody.

## 实验步骤

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