— ABLYBIO, Help Your Research

NOX4 Rabbit mAb

货号: AYM30452

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC ICC IP
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50
理论分子量	6kDa/25-31kDa/58-66kDa
实测分子量	67kDa
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	293T
细胞定位	Cell junction,Cell membrane,Endoplasmic reticulum membrane,Multi-pass membrane protein,Nucleus,focal adhesion,nucleolus
纯化	Affinity purification

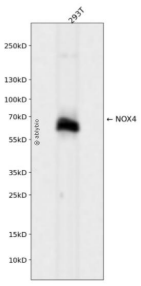
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NOX4 .

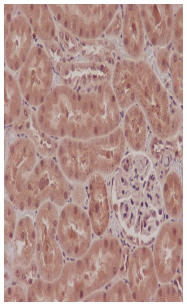
靶点信息

研究背景	This gene encodes a member of the NOX-family of enzymes that functions as the catalytic subunit the NADPH oxidase complex. The encoded protein is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of molecular oxygen to various reactive oxygen species (ROS). The ROS generated by this protein have been implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth. A pseudogene has been identified on the other arm of chromosome 11. Alternative splicing results in multiple transcript variants.
基因ID	50507
基因名	NOX4
Swiss	Q9NPH5 (https://www.uniprot.org/uniprotkb/Q9NPH5/entry)
别名	NOX4,NOX4 Rabbit mAb,Kidney oxidase-1,Kidney superoxide-producing NADPH oxidase,Renal NAD(P)H-oxidase,RENOX

产品验证



Western blot analysis of NOX4 expressed in 293T using NOX4 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 rat kidney, using NOX4 Antibody .

实验步骤

访问官网浏览详情: www.ablybio.cn (https://www.ablybio.cn//www.ablybio.cn)