

— ABLYBIO, Help Your Research



# NQO1 Rabbit mAb

货号: **AYM29570**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IF/ICC IP FC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <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	31kDa
实测分子量	31kDa
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	HepG2,HeLa,Mouse Stomach,Rat Lung,Rat Stomach
细胞定位	Cytoplasm
纯化	Affinity purification

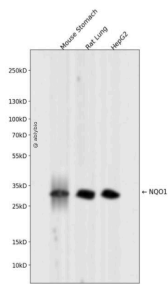
## 抗原信息

抗原信息	Recombinant fusion protein corresponding to Human NQO1.
------	---------------------------------------------------------

## 靶点信息

研究背景	This gene is a member of the NAD(P)H dehydrogenase (quinone) family and encodes a cytoplasmic 2-electron reductase. This FAD-binding protein forms homodimers and reduces quinones to hydroquinones. This protein's enzymatic activity prevents the one electron reduction of quinones that results in the production of radical species. Mutations in this gene have been associated with tardive dyskinesia (TD), an increased risk of hematotoxicity after exposure to benzene, and susceptibility to various forms of cancer. Altered expression of this protein has been seen in many tumors and is also associated with Alzheimer's disease (AD). Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
基因ID	1728
基因名	NQO1
Swiss	P15559 ( <a href="https://www.uniprot.org/uniprotkb/P15559/entry">https://www.uniprot.org/uniprotkb/P15559/entry</a> )
别名	NQO1,NQO1 Rabbit mAb,Azoreductase,DT-diaphorase,Menadione reductase,NAD(P)H:quinone oxidoreductase 1,Phylloquinone reductase,Quinone reductase 1,DIA4,NMOR1

## 产品验证



Western blot analysis of NQO1 expressed in Mouse Stomach,Rat Lung,HepG2 using NQO1 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.

## 实验步骤

访问官网浏览详情: [www.ablybio.cn](http://www.ablybio.cn) (<https://www.ablybio.cn/www.ablybio.cn>)