

## NQO1 Recombinant Rabbit mAb

Catalog: BS46128

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

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]

### Product:

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

### Molecular Weight:

31 kDa

### Swiss-Prot:

P15559

### Purification&Purity:

### Affinity Purification

### Applications:

WB: 1:2000-1:10000  
ICC/IF: 1:100  
FC: 1:20  
IP: 1:20

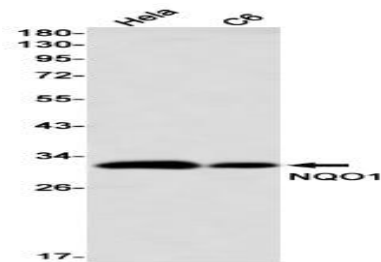
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Isotype:

IgG

### DATA:



Western blot detection of NQO1 in HeLa, C6 cell lysates using NQO1 antibody(1:1000 diluted)

### Note:

For research use only, not for use in diagnostic procedure.

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