

NQO1 Rabbit Monoclonal Antibody



CAB19586

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

31kDa

Calculated MW:

31kDa

Applications:

WB IHC IP

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:200 IP 1:50 - 1:200

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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]

Immunogen information

Gene ID:

1728

Uniprot

P15559

Synonyms:

DHQU; DIA4; DTD; NMOR1; NMORI; QR1; NQO1

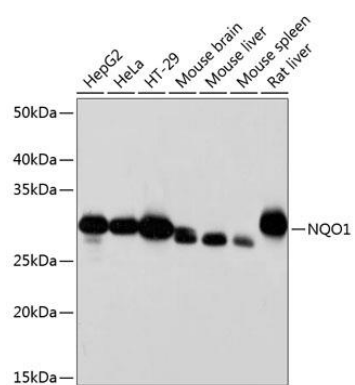
Immunogen:

A synthesized peptide derived from human NQO1.

Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Product Images



Western blot - NQO1 Rabbit mAb (CAB19586)