

NQO1 Rabbit Polyclonal Antibody



CAB16830

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

31kDa

Calculated MW:

26kDa/27kDa/30kDa

Applications:

WB

Reactivity:

Human

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000

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.

Immunogen information

Gene ID:

1728

Uniprot

P15559

Synonyms:

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

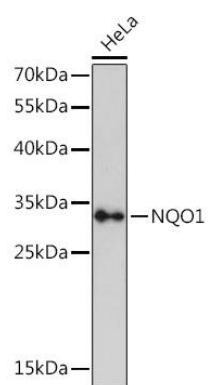
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-274 of human NQO1 (NP_000894.1).

Storage:

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

Product Images



Western blot - NQO1 Rabbit pAb (CAB16830)