



NQO1 Polyclonal Antibody

E90047

Catalog Number: E90047**Amount:** 100ul

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.

Species: Rabbit**Isotype:** IgG

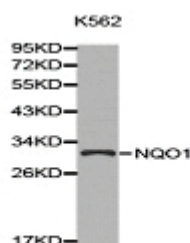
Storage/Stability: Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonyms: DTD; QR1; DHQU; DIA4; NMOR1; NMORI;**Immunogen:** Recombinant Protein of human NQO1**Purification:** Affinity purification**Reactivity:** H M R**Applications:** WB IHC IF**Molecular Weight:** 31kDa**Swiss-Prot No. :** P15559**Gene ID:** 1728

WB1:500 - 1:2000

IHC1:50-1:200

IF1:50-1:100



Western blot analysis of extracts of K562 cellline, using NQO1 antibody.

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