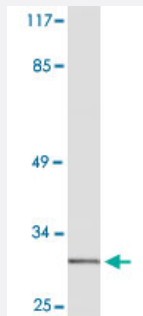


NQO1 polyclonal antibody

Catalog # PAB25084 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with NQO1 polyclonal antibody (Cat # PAB25084).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of NQO1.
Immunogen	A synthetic peptide corresponding to NQO1.
Host	Rabbit
Theoretical MW (kDa)	31
Reactivity	Human
Specificity	NQO1 polyclonal antibody detects endogenous levels of NQO1 protein.
Form	Liquid
Purification	Affinity purification
Concentration	1 mg/mL
Recommend Usage	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate with NQO1 polyclonal antibody (Cat # PAB25084).

Gene Info — NQO1

Entrez GeneID[1728](#)**Gene Name**

NQO1

Gene Alias

DHQU, DIA4, DTD, NMOR1, NMORI, QR1

Gene Description

NAD(P)H dehydrogenase, quinone 1

Omim ID[125860](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

DT-diaphorase|NAD(P)H menadione oxidoreductase 1, dioxin-inducible|NAD(P)H:Quinone acceptor oxidoreductase type 1|NAD(P)H:menadione oxidoreductase 1|NAD(P)H:quinone oxidoreductase|azoreductase|diaphorase (NADH/NADPH) (cytochrome b-5 reductase)|diaphorase-4|

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- [Acute Disease](#)

- [Acute Lung Injury](#)
- [Adenocarcinoma](#)
- [Adenoma](#)
- [Akathisia](#)
- [Alcohol Withdrawal Delirium](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Aneuploidy](#)
- [Angina Pectoris](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Atrophy](#)
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- [Barrett Esophagus](#)
- [Bipolar Disorder](#)
- [Brain Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Burkitt lymphoma](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Carotid Stenosis](#)
- [Cell Transformation](#)
- [Central Nervous System Diseases](#)
- [Chromosome Aberrations](#)

- [Chromosome Deletion](#)
- [Chronic Disease](#)
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- [Cleft Palate](#)
- [Cocarcinogenesis](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Cystic fibrosis](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [DNA Damage](#)
- [Drug Hypersensitivity](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Dyskinesia](#)
- [Dyskinesias](#)
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- [Hepatitis](#)
- [Hodgkin Disease](#)
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- [Infertility](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Laryngeal Neoplasms](#)
- [Leber hereditary optic neuropathy](#)
- [Leukemia](#)
- [Liver Neoplasms](#)
- [Lung carcinoma](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
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- [Meningioma](#)
- [Metaplasia](#)

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- [Varicocele](#)
- [Werner syndrome](#)