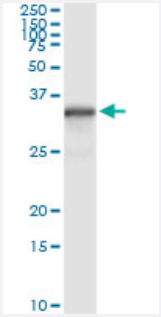
NQO1 (Human) IP-WB Antibody Pair

Catalog # H00001728-PW1 Size 1 Set

Applications



Immunoprecipitation of NQO1 transfected lysate using mouse monoclonal anti-NQO1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-NQO1.

Specification

Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of NQO1 transfected lysate using mouse monoclonal anti-NQO1 and Protein A Magnetic Bead (U0007), and immunoblotted with rabbit polyclonal anti-NQO1.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: mouse monoclonal anti-NQO1 (300 ug) 2. Antibody pair for WB: rabbit polyclonal anti-NQO1 (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

- Immunoprecipitation-Western Blot

Protocol Download

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 oxireductase|azoreductase|diaphorase (NADH/NADPH) (cytochrome b-5 reductase)|diaphorase-4|

Disease

- Acquired Immunodeficiency Syndrome
- Acute Disease
- Acute Lung Injury
- Adenocarcinoma
- Adenoma
- Akathisia
- Alcohol Withdrawal Delirium
- Alzheimer disease
- Anemia
- Aneuploidy

- Angina Pectoris
- Asthma
- Atherosclerosis
- Atrophy
- Balkan Nephropathy
- 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
- Cleft Lip
- 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
- Edema
- Esophageal Neoplasms
- Esophagitis
- Fetal Growth Retardation
- Gastroesophageal Reflux
- Genetic Predisposition to Disease
- Glioma
- Hallucinations
- Head and Neck Neoplasms
- Helicobacter Infections

- Hematologic Neoplasms
- Hemorrhage
- Hepatitis
- Hodgkin Disease
- Infant
- Infertility
- Intracranial Aneurysm
- Kidney Failure
- Laryngeal Neoplasms
- Leber hereditary optic neuropathy
- Leukemia
- Liver Neoplasms
- Lung carcinoma
- Lung Neoplasms
- Lymphoma
- Manganese Poisoning
- Meningioma
- Metaplasia
- Micronuclei
- Mouth Neoplasms
- Multiple Myeloma
- Myelodysplastic Syndromes
- Myocardial Infarction
- Nasopharyngeal Neoplasms
- Neoplasm Metastasis
- Neoplasm Recurrence

- Neoplasms
- Neuroma
- Neutropenia
- Obstetric Labor
- Occupational Diseases
- Optic Atrophy
- Osteoporosis
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatitis
- Papillomavirus Infections
- Parkinson disease
- Peritoneal Neoplasms
- Pharyngeal Neoplasms
- Pre-Eclampsia
- Pregnancy Complications
- Prenatal Exposure Delayed Effects
- Prostate cancer
- Prostatic Neoplasms
- Psoriasis
- Psychiatric Status Rating Scales
- Pulmonary Disease
- Recurrence
- Schizophrenia
- Stomach Neoplasms
- Stroke

- Thrombocytopenia
- Thyroid Neoplasms
- Tobacco Use Disorder
- Trisomy
- Urinary Bladder Neoplasms
- Uterine Cervical Neoplasms
- Varicocele
- Werner syndrome