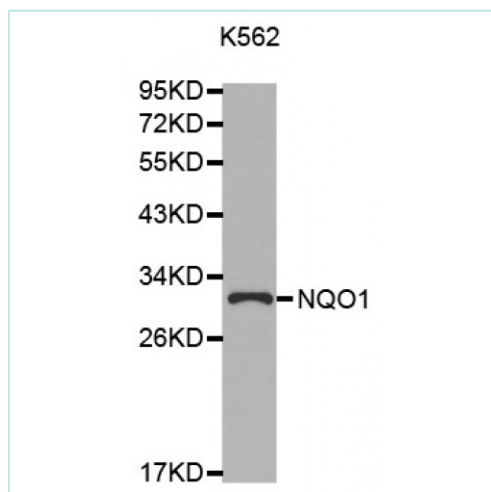


NQO1 antibody



Product Description

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.

Product Information

Code:	NB-12-19776
Clonality	Polyclonal
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	WB, IHC, IF, IP, FC
Immunogen	Recombinant Protein of human NQO1
Conjugation	Unconjugated
Gene ID	1728
Isotype	IgG
Dilution range	WB 1:500-1:2000; IHC 1:50-1:200; IF 1:50-1:200; IP 1:20-1:50; FC 1:20-1:50
Swiss-Prot Key	P15559
Purification	Affinity purification
Form	PBS with 0.02% sodium azide, 50% glycerol, pH7.4
Molecular Weight	N/A
Concentration	1 mg/ml
Storage	Store at -20°C. Avoid repeated freeze/thaw cycles.
Alternative names	DTD; QR1; DHQU; DIA4; NMOR1; NMORI;
Note	For research use only.