



Swiss-Prot No.:	P15559
Storage/Stability:	Store at -20 °C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen:	Recombinant protein of human NQO1.
Purification:	Affinity purification
Reactivity:	Human
Other Names:	—
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.
Gene ID:	1728
Source:	Rabbit

Antibody type:	Polyclonal Antibodies
Isotype:	IgG
Molecular Weight:	26kDa/27kDa/30kDa
Recommended Dilutions:	WB 1:500 - 1:2000 IHC 1:50 - 1:200