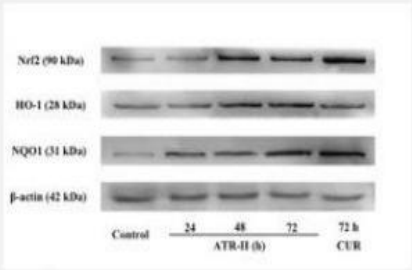
PRODUCT DATA SHEET

NQO1 Polyclonal Antibody

Catalog No.	IPB0117
Reactivity	Human; Mouse; Rat
Applications	WB; ELISA
Dilution	WB: 1:500-1:2000 ELISA: 1:10000
Gene Name	NQO1
Protein Name	NAD(P)H dehydrogenase [quinone] 1
Human Gene Id	1728
Swiss-Prot	P15559
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Cytoplasm, cytosol
MW	30868
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

Products Images:



Wang, Ting, et al. "Chemopreventive effects of atractylenolide II on mammary tumorigenesis via activating Nrf2-ARE pathway." Oncotarget 8.44 (2017): 77500.

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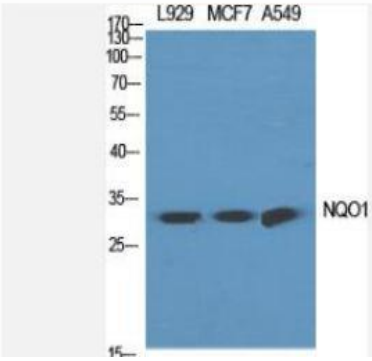
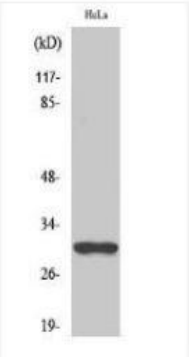


Western Blot analysis of various cells using NQO1 Polyclonal Antibody diluted at 1:2000



Western Blot analysis of Jurkat cells using NQO1 Polyclonal Antibody diluted at 1:2000