

Datasheet for ABIN953744
anti-NQO2 antibody (N-Term)



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1 Image

Overview

Quantity:	0.4 mL
Target:	NQO2
Binding Specificity:	AA 50-79, N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO2 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 50-79 amino acids from the N-terminal region of human NQO2
Isotype:	Ig Fraction
Specificity:	This antibody reacts to NQO2.
Cross-Reactivity (Details):	Species reactivity (tested):Mouse.
Purification:	Affinity chromatography on Protein A

Target Details

Target:	NQO2
Alternative Name:	NQO2 (NQO2 Products)

Target Details

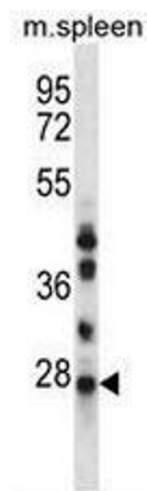
Background:	NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor (summary by Wu et al., 1997 [PubMed 9367528]).Synonyms: NMOR2, NRH dehydrogenase [quinone] 2, NRH:quinone oxidoreductase 2, Ribosyldihydronicotinamide dehydrogenase [quinone]
Molecular Weight:	25953 Da
Gene ID:	4835
NCBI Accession:	NP_000895

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS, 0.09 % (W/V) sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. NQO2 Antibody (N-term) western blot analysis in mouse spleen tissue lysates (35µg/lane). This demonstrates the NQO2 antibody detected the NQO2 protein (arrow).