

Product datasheet

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ARG40906 anti-NQO2 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes NQO2

Tested Reactivity Ms, Rat

Tested Application FACS, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG
Target Name NQO2

Species Human

Immunogen Synthetic peptide derived from Human NQO2.

Conjugation Un-conjugated

Alternate Names NRH dehydrogenase [quinone] 2; NMOR2; DHQV; Quinone reductase 2; NRH:quinone oxidoreductase

2; QR2; Ribosyldihydronicotinamide dehydrogenase [quinone]; DIA6; EC 1.10.5.1

Application Instructions

Application table	Application	Dilution
	FACS	1:50
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Mouse heart	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.4), 150 mM NaCl, 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol NQO2

Gene Full Name NAD(P)H dehydrogenase, quinone 2

Background This gene encodes a member of the thioredoxin family of enzymes. It is a cytosolic and ubiquitously

> expressed flavoprotein that catalyzes the two-electron reduction of quinone substrates and uses dihydronicotinamide riboside as a reducing coenzyme. Mutations in this gene have been associated with neurodegenerative diseases and several cancers. Alternative splicing results in multiple transcript

variants. [provided by RefSeq, Mar 2014]

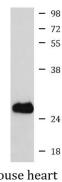
Function The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of

> hydroquinones involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis. [UniProt]

Calculated Mw 26 kDa

Cellular Localization Cytoplasm. [UniProt]

Images



ARG40906 anti-NQO2 antibody WB image

Western blot: Mouse heart lysate stained with ARG40906 anti-NQO2 antibody.