

Datasheet for ABIN5027400
anti-NQO1 antibody (AA 50-274)



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Overview

Quantity:	100 µg
Target:	NQO1
Binding Specificity:	AA 50-274
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	A partial length recombinant NQO1 protein (amino acids 50-274) was used as the immunogen for this antibody.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	NQO1
Alternative Name:	NQO1 (NQO1 Products)
Background:	NQO1 (NAD(P) H Dehydrogenase, Quinone 1) belongs to the NAD(P)H dehydrogenase (quinone) family and serves as a quinone reductase and it has NAD(P)H dehydrogenase (quinone) activity and cytochrome-b5 reductase activity. NQO1 catalyzes the 2-electron

Target Details

reduction of various quinones and redox dyes, such as, phyloquinone and the vitamin K, menadione. NQO1 protein consists of 274 amino acids having molecular mass of 30 kDa. It exists in 3 isoforms produced by alternate splicing. NQO1 is associated with benzene toxicity, leukemia and post-chemotherapy diseases. It is expressed in adipose tissue, blood, brain, bone, spleen, etc.

Molecular Weight: 29 kDa

Gene ID: 1728

UniProt: [P15559](#)

Application Details

Application Notes: WB: 1-3 µg/mL

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: PBS containing 0.05 % BSA, PH 7.4

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C/-20 °C

Storage Comment: Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

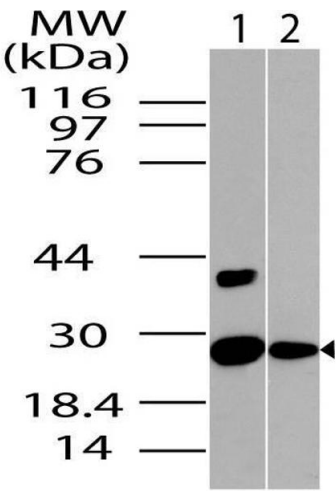


Image 1.