

# NQO2 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21839a

#### **Product Information**

**Application** WB, E **Primary Accession** P16083 Reactivity Human Host Rabbit Clonality polyclonal Isotype Rabbit IgG **Clone Names** RB53881 **Calculated MW** 25919

#### **Additional Information**

**Gene ID** 4835

Other Names Ribosyldihydronicotinamide dehydrogenase [quinone], NRH dehydrogenase

[quinone] 2, NRH:quinone oxidoreductase 2, Quinone reductase 2, QR2,

NQO2, NMOR2

Target/Specificity This NQO2 antibody is generated from a rabbit immunized with a KLH

conjugated synthetic peptide between 21-52 amino acids from human NQO2.

**Dilution** WB~~1:2000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** NQO2 Antibody (N-Term) is for research use only and not for use in diagnostic

or therapeutic procedures.

#### **Protein Information**

Name NQO2

Synonyms NMOR2

**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.

**Cellular Location** 

Cytoplasm.

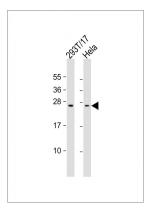
## **Background**

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.

#### References

Jaiswal A.K.,et al.Biochemistry 29:1899-1906(1990). Jaiswal A.K.,et al.J. Biol. Chem. 269:14502-14508(1994). Iida A.,et al.Submitted (OCT-2000) to the EMBL/GenBank/DDBJ databases. Ota T.,et al.Nat. Genet. 36:40-45(2004). Mungall A.J.,et al.Nature 425:805-811(2003).

### **Images**



All lanes: Anti-NQO2 Antibody (N-Term) at 1:2000 dilution Lane 1: 293T/17 whole cell lysate Lane 2: Hela whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 26 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.