

NQO2 Rabbit Polyclonal Antibody



CAB5440

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

26kDa

Calculated MW:

25kDa

Applications:

WB IF

Reactivity:

Human

Protein 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.

Immunogen information

Gene ID:

4835

Uniprot

P16083

Synonyms:

NQO2; DHQV; DIA6; NMOR2; QR2

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IF 1:20 - 1:50

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

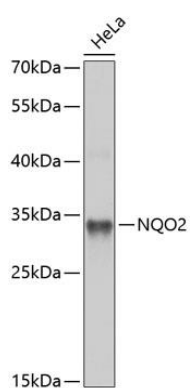
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-231 of human NQO2 (NP_000895.2).

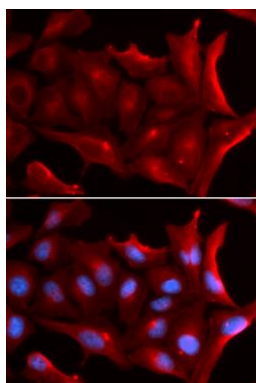
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Product Images



Western blot analysis of extracts of HeLa cells, using NQO2 antibody (CAB5440) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using NQO2 antibody (CAB5440). Blue: DAPI for nuclear staining.