

# NQO1 Antibody

Catalog No: T56710

Reactivity: Human Mouse Rat

IsoType: Rabbit IgG

Applications: WB ICC/IF IP FC



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400-6123-828

## Information

**UniProt ID:** P15559

**All Names:** Azoreductase; DT-diaphorase; DTD; QR1; NQO1; DIA4; NMOR1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

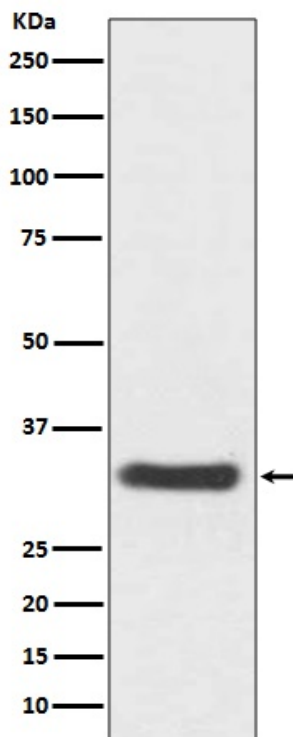
**Molecular Wt.:** 31kDa

## Application

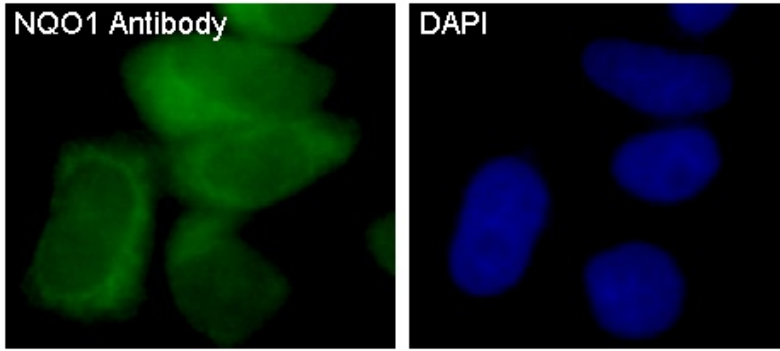
WB 1:1000~1:5000 ICC/IF 1:50~1:200 IP 1:50 FC 1:50

## Background

NAD(P)H:quinone oxidoreductase 1 (NQO1) is a flavoprotein that catalyzes the two-electron reduction of quinones and their derivatives. The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.



Western blot analysis of NQO1 expression in SH-SY5Y cell lysate.



Immunofluorescent analysis of MCF-7 cells, using NQO1 Antibody.