

## NQO1 Rabbit pAb

CatalogNo: YT3186

### Key Features

**Host Species**

- Rabbit

**Reactivity**

- Human, Mouse, Rat

**Applications**

- WB, IF, ELISA

**MW**

- 31kD (Observed)

**Isotype**

- IgG

### Storage

**Storage\*** -15°C to -25°C/1 year (Do not lower than -25°C)**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000****IF 1:50-200****ELISA 1:10000****Not yet tested in other applications.**

### Basic Information

**Clonality** Polyclonal

### Immunogen Information

**Immunogen** The antiserum was produced against synthesized peptide derived from human NQO1. AA range: 203-252**Specificity** NQO1 Polyclonal Antibody detects endogenous levels of NQO1 protein.

### Target Information

**Gene name** NQO1  
**Protein Name** NAD(P)H dehydrogenase [quinone] 1

Organism	Gene ID	UniProt ID
Human	<a href="#">1728</a> ;	<a href="#">P15559</a> ;
Mouse		<a href="#">Q64669</a> ;

**Cellular Localization** Cytoplasm, cytosol .

**Tissue specificity** Colon,Liver,Pooled,

**Function** Catalytic activity:NAD(P)H + a quinone = NAD(P)(+) + a hydroquinone.,cofactor:FAD.,enzyme regulation:Inhibited by dicoumarol.,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.,induction:By dioxin.,mass spectrometry: PubMed:11735396,miscellaneous:Quinone reductase accepts electrons from both NADH and NADPH with equal efficiency.,polymorphism:The Ser-187 polymorphism may be linked to susceptibility to forms of cancers.,similarity:Belongs to the NAD(P)H dehydrogenase (quinone) family.,subunit:Homodimer.,

## Validation Data

## Contact information

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Please scan the QR code to access additional product information:  
**NQO1 Rabbit pAb**

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