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Datasheet for ABIN7160874
anti-NQO1 antibody (AA 55-155)

2 Images

Overview

Quantity:	100 µg
Target:	NQO1
Binding Specificity:	AA 55-155
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NQO1 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human NAD(P)H dehydrogenase [quinone] 1 protein (55-155AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	NQO1
Alternative Name:	NQO1 (NQO1 Products)
Background:	Background: The enzyme apparently serves as a quinone reductase in connection with conjugation reactions of hydroquinons involved in detoxification pathways as well as in

Target Details

biosynthetic processes such as the vitamin K-dependent gamma-carboxylation of glutamate residues in prothrombin synthesis.

Aliases: Azoreductase antibody, Cytochrome b 5 reductase antibody, DHQU antibody, DIA 4 antibody, DIA4 antibody, Diaphorase (NADH/NADPH) (cytochrome b 5 reductase) antibody, Diaphorase (NADH/NADPH) antibody, Diaphorase 4 antibody, Dioxin inducible 1 antibody, DT diaphorase antibody, DT-diaphorase antibody, DTD antibody, Menadione reductase antibody, NAD(P)H dehydrogenase [quinone] 1 antibody, NAD(P)H dehydrogenase quinone 1 antibody, NAD(P)H menadione oxidoreductase 1 dioxin inducible antibody, NAD(P)H quinone dehydrogenase 1 antibody, NAD(P)H: menadione oxidoreductase 1 dioxin inducible 1 antibody, NAD(P)H:menadione oxidoreductase 1 antibody, NAD(P)H:Quinone acceptor oxidoreductase type 1 antibody, NAD(P)H:quinone oxidoreductase 1 antibody, NAD(P)H:quinone oxidoreductase antibody, NMOR 1 antibody, NMOR I antibody, NMOR1 antibody, NMORI antibody, NQO 1 antibody, NQO1 antibody, NQO1_HUMAN antibody, Phylloquinone reductase antibody, QR 1 antibody, QR1 antibody, Quinone reductase 1 antibody

UniProt: [P15559](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

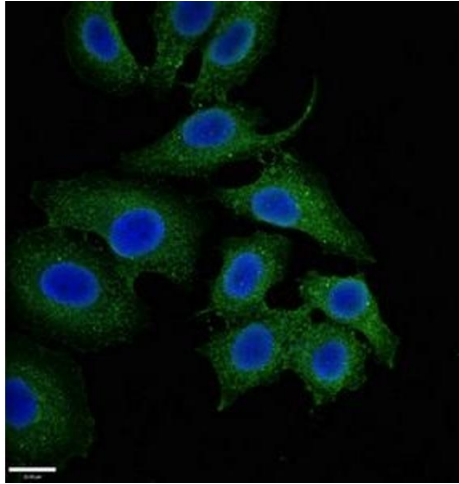
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

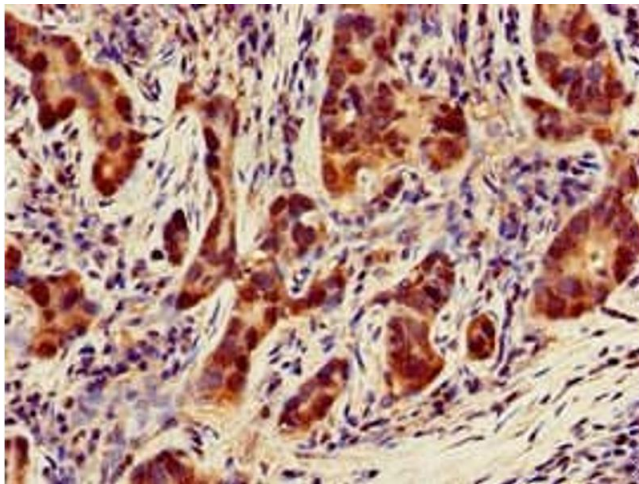
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunofluorescence

Image 1. Immunofluorescent analysis of A549 cells using ABIN7160874 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human pancreatic cancer using ABIN7160874 at dilution of 1:100