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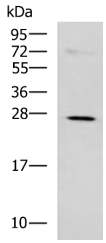
NQO2 Polyclonal Antibody

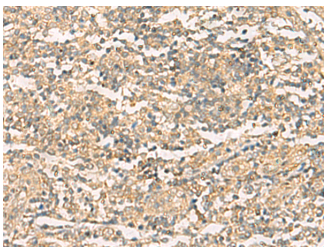
Catalog No.	E-AB-53100	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC,ELISA	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

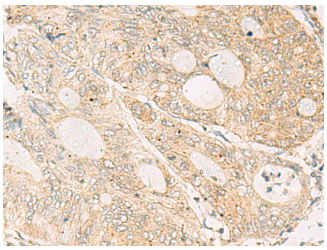
Images



Western blot analysis of K562 cell lysate using NQO2 Polyclonal Antibody at dilution of 1:650



Immunohistochemistry of paraffin-embedded Human tonsil tissue using NQO2 Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using NQO2 Polyclonal Antibody at dilution of 1:50(×200)

Immunogen Information

Immunogen	Fusion protein of human NQO2
Gene Accession	BC006096
Swissprot	P16083
Synonyms	DHQV,DIA6,NMOR2,NQO 2,NQO2,NQO2,Ox 2,Ox2,QR2,Quinone,Quinone reductase 2

Product Information

Calculated MW	26 kDa
Observed MW	Refer to figures
Buffer	PBS with 0.05% NaN3 and 40% Glycerol,pH7.4
Purify	Antigen affinity purification
Dilution	WB 1:500-1:2000, IHC 1:50-1:200, ELISA 1:5000-1:10000

Background

NQO2 (EC 1.10.99.2) is a flavoprotein that catalyzes the 2-electron reduction of various quinones, redox dyes, and the vitamin K menadione. NQO2 predominantly uses dihydronicotinamide riboside (NRH) as the electron donor. 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.