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NQO2 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP8618c

Product Information

Application	WB, E
Primary Accession	P16083
Reactivity	Human, Mouse
Predicted	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB21132
Calculated MW	25919
Antigen Region	141-168

Additional Information

Gene ID	4835
Other Names	Ribosyldihydronicotinamide dehydrogenase [quinone], NRH dehydrogenase [quinone] 2, NRH:quinone oxidoreductase 2, Quinone reductase 2, QR2, NQO2, NMOR2
Target/Specificity	This NQO2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 141-168 amino acids from the Central region of human NQO2.
Dilution	WB~~1:1000 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	NQO2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	NQO2
Synonyms	NMOR2

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.
Cellular Location	Cytoplasm.

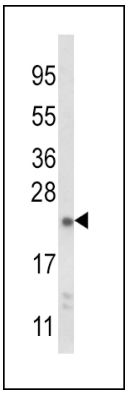
Background

NQO2 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.

References

Foster,C.E., et.al., Biochemistry 38 (31), 9881-9886 (1999)
Wu,K., Knox,R., et.al., Arch. Biochem. Biophys. 347 (2), 221-228 (1997)

Images



Western blot analysis of NQO2 Antibody (Center) (Cat. #AP8618c) in mouse liver tissue lysates (35ug/lane). NQO2 (arrow) was detected using the purified Pab.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.