

Nur für Forschungszwecke

NQO1 Polyklonaler Antikörper

Katalog-Nr.:CL555-11451

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL555-11451	GenBank-Zugangsnummer: BC007659	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 1728	Anregungs-/Emissionsmaxima- Wellenlängen: 557 nm / 570nm
Wirt: Kaninchen	Vollständiger Name: NAD(P)H dehydrogenase, quinone 1	
Isotyp: IgG	Berechnete Masse: 274 aa, 31 kDa	
Immunogen Katalognummer: AG2009	Beobachtete Masse: 31 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human

Hintergrundinformationen

NQO1, also named as DIA4, NMOR1, DTD and QR1, belongs to the NAD(P)H dehydrogenase (quinone) family. This 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. It is known to be involved in benzene metabolism. In human studies of ozone exposure, polymorphisms in oxidative stress genes (NQO1, GSTM1, GSTP1) modify respiratory symptoms, lung function, biomarkers and risk of asthma. (PMID:18511640; 18848868) This antibody recognizes all the three isoforms (26-27 kDa and 31 kDa) of NQO1 and the homo-dimer form (66-70 kDa) of NQO1.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

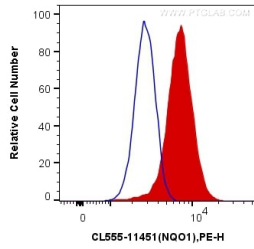
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Ausgewählte Validierungsdaten



1X10⁶ MCF-7 cells were intracellularly stained with 0.4 ug CoraLite®555 Anti-Human NQO1 (CL555-11451) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).