

Nur für Forschungszwecke

NOX4 Polyklonaler Antikörper

Katalog-Nr.:CL594-14347

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-14347	GenBank-Zugangsnummer: BC040105	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von50507	GeneID (NCBI): 50507	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Nanodrop;	Vollständiger Name: NADPH oxidase 4	
Wirt: Kaninchen	Berechnete Masse: 67 kDa	
Isotyp: IgG	Beobachtete Masse: 62 kDa	
Immunogen Katalognummer: AG5687		

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

NOX4 (NADPH oxidase 4) is a phagocyte-type oxidase, similar to that responsible for the production of large amounts of reactive oxygen species (ROS) in neutrophil granulocytes with resultant antimicrobial activity and it has been postulated to function in the kidney as an oxygen sensor that regulates the synthesis of erythropoietin in the renal cortex. Studies have reported molecular masses of Nox4 protein by western blot analysis ranging from 55 to 80 kDa. The truncated NOX4 splice variant D (28 kDa) lacks the majority of the transmembrane domain and has been shown to produce higher levels of ROS and DNA damage compared to its prototype. NOX4D has previously been shown to localise to the nucleus and nucleolus in various cell types and is implicated in the generation of reactive oxygen species (ROS) and DNA damage. (PMID: 11728818, PMID: 29285262, PMID: 14670934)

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

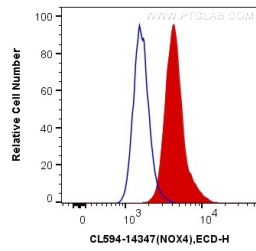
For technical support and original validation data for this product please contact:

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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 HeLa cells were intracellularly stained with 0.4 ug Coralite®594 Anti-Human NOX4 (CL594-14347) (red), or 0.4 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).