

Nur für Forschungszwecke

peroxiredoxin 2 Polyklonaler Antikörper



Katalog-Nr.: 20569-1-AP

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.:
20569-1-AP

Größe:
150ul, Konzentration: 550 µg/ml von
Nanodrop und 427 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

GenBank-Zugangsnummer:
NM_005809

GeneID (NCBI):
7001

Vollständiger Name:
peroxiredoxin 2

Berechnete Masse:
22 kDa

Beobachtete Masse:
23 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:3000

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, WB, ELISA

Getestete Reaktivität:

Human

Positivkontrollen:

WB: HeLa-Zellen,

IF: HepG2-Zellen,

Hintergrundinformationen

PRDX2, also named as NKEFB, TDPX1, TSA and PRP, belongs to the ahpC/TSA family. It is involved in redox regulation of the cell. Reduces peroxides with reducing equivalents provided through the thioredoxin system. It is not able to receive electrons from glutaredoxin. PRDX2 may play an important role in eliminating peroxides generated during metabolism. It might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H₂O₂. The antibody is specific to PRDX2.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

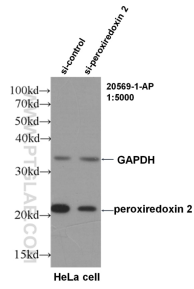
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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W: ptglab.com

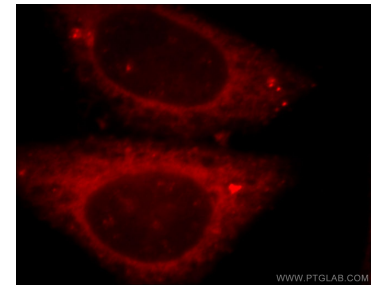
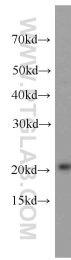
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Ausgewählte Validierungsdaten



WB result of peroxiredoxin 2 antibody (20569-1-AP, 1:5000) with si-Control and si-peroxiredoxin 2 transfected HeLa cells.

HeLa cells were subjected to SDS PAGE followed by western blot with 20569-1-AP (peroxiredoxin 2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using PRDX2 antibody 20569-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).