

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-peroxiredoxin 2



Numéro de catalogue: 20569-1-AP **Phare**

Informations de base

Numéro de catalogue: 20569-1-AP	Numéro d'acquisition GenBank: NM_005809	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul , Concentration: 550 µg/ml by Nanodrop and 427 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 7001	Dilutions recommandées: WB 1:500-1:3000 IF 1:10-1:100
Hôte: Lapin	Nom complet: peroxiredoxin 2	
Isotype: IgG	MW calculé: 22 kDa	
	MW observés: 22 kDa	

Applications

Applications testées: IF, WB, ELISA	Contrôles positifs: WB : cellules HeLa, IF : cellules HepG2,
Spécificité de l'espèce: Humain	

Informations générales

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.

Stockage

Stockage:
Stocker à -20°C. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

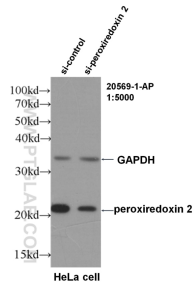
For technical support and original validation data for this product please contact:

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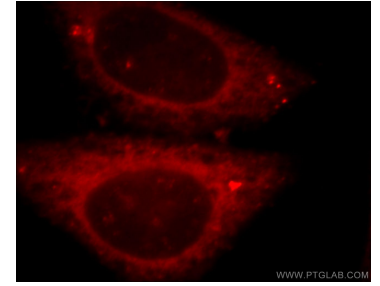
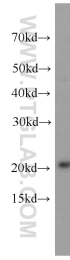
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Données de validation sélectionnées



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).