

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-PRDX4



Numéro de catalogue: **CL647-10703**

Phare

## Informations de base

Numéro de catalogue: CL647-10703	Numéro d'acquisition GenBank: BC007107	Méthode de purification: Purification par affinité contre l'antigène
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10549	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Hôte: Lapin	Nom complet: peroxiredoxin 4	
Isotype: IgG	MW calculé 31 kDa	
Immunogen Catalog Number: AG1177	MW observés: 30 kDa	

## Applications

Applications testées:  
FC(Intra)  
Spécificité de l'espèce:  
Humain, rat, souris

## Informations générales

PRDX4 (Peroxiredoxin-4) is also named as AOE37-2, Prx-IV and belongs to the AhpC/TSA family. PRDX4 is associated with acrosome formation during rat spermatogenesis and has a protective role in the male reproductive tract, because the phenotype of mice lacking this isoform includes testicular atrophy and increased sperm DNA damage (PMID:20864641). It is initially synthesized as a membrane-binding 31-kDa protein and processed into a 27-kDa secretory form and is discarded with the residual bodies (PMID:19208552). PRDX4 is a pentamer of dimers (PMID:23025503). This antibody is specific to PRDX4.

## Stockage

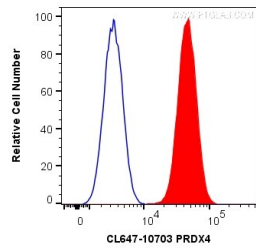
Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



1X10<sup>6</sup> HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human PRDX4 (CL647-10703) (red), or 0.2 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).