

À des fins de recherche uniquement

Anticorps Monoclonal anti-PRDX4

Numéro de catalogue: 60286-1-Ig

Phare

2 Publications



Informations de base

Numéro de catalogue: 60286-1-Ig	Numéro d'acquisition GenBank: BC007107	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1100 µg/ml by Nanodrop and 727 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 10549	CloneNo.: 5B6F1
Hôte: Mouse	Nom complet: peroxiredoxin 4	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:50-1:500
Isotype: IgG2b	MW calculé: 31 kDa	
Immunogen Catalog Number: AG13401	MW observés: 30 kDa	

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules NIH/3T3, cellules PC-12

IHC : tissu de côlon humain, tissu de cancer de la prostate humaine, tissu de cancer du pancréas humain

IF : cellules HepG2,

Informations générales

PRDX4 (Peroxiredoxin-4) is also named as AOE37-2, Pxx-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).

Publications notables

Autrice	Pubmed ID	Journal	Application
Wangjuan Dai	36334439	Biochem Biophys Res Commun	IF
Alexander Vdovin	36357400	Nat Commun	WB

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.

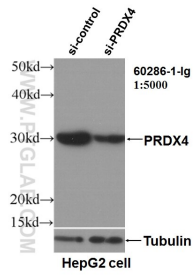
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

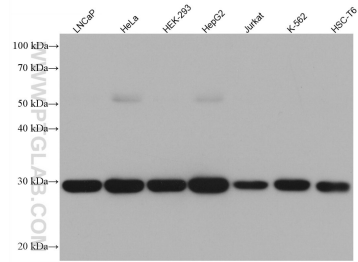
E: proteintech@ptglab.com
W: ptglab.com

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

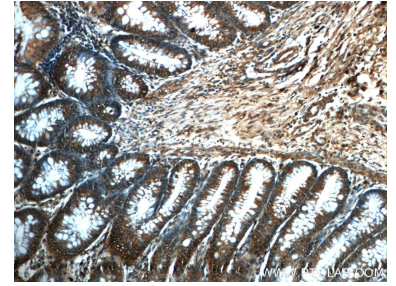
Données de validation sélectionnées



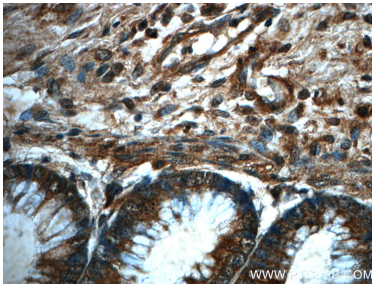
WB result of PRDX4 antibody (60286-1-Ig, 1:5000) with si-Control and si-PRDX4 transfected HepG2 cells.



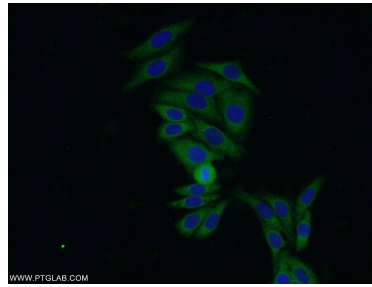
Various lysates were subjected to SDS PAGE followed by western blot with 60286-1-Ig (PRDX4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon slide using 60286-1-Ig (PRDX4 Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human colon slide using 60286-1-Ig (PRDX4 Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 60286-1-Ig (PRDX4 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).