

À des fins de recherche uniquement

# Anticorps Recombinant de lapin anti-PRDX3



Numéro de catalogue: 81833-1-RR

Phare

## Informations de base

Numéro de catalogue: 81833-1-RR	Numéro d'acquisition GenBank: BC007062	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10935	CloneNo.: 1L11
Hôte: Lapin	Nom complet: peroxiredoxin 3	Dilutions recommandées: WB 1:20000-1:100000 IHC 1:500-1:2000 IF 1:200-1:800
Isotype: IgG	MW calculé 27 kDa	
Immunogen Catalog Number: AG1062	MW observés: 28 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

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

### Contrôles positifs:

WB : cellules HeLa, cellules A549, cellules HEK-293, cellules HepG2, cellules LNCaP, tissu hépatique de rat, tissu hépatique de souris

IHC : tissu de cancer du poumon humain,

IF : cellules HepG2,

## Informations générales

PRDX3 (Peroxiredoxin 3), also named as AOP1, HBC189 and MER5, belongs to the ahpC/TSA family. It is involved in redox regulation of the cell and protects radical-sensitive enzymes from oxidative damage by a radical-generating system. PRDX3 is required for MYC-mediated proliferation, transformation, and apoptosis after glucose withdrawal and essential for maintaining mitochondrial mass and membrane potential in transformed rat and human cells (PMID:12011429). PRDX3 acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

## 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.

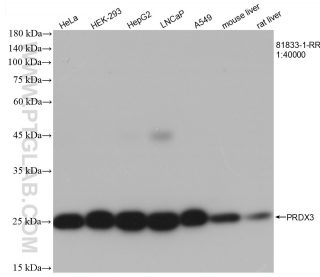
For technical support and original validation data for this product please contact:

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

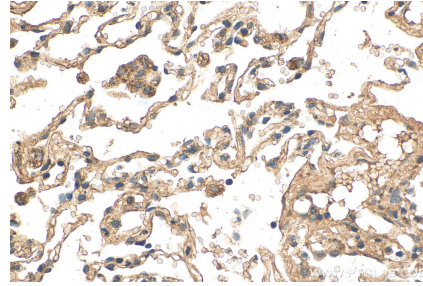
E: proteintech@ptglab.com  
W: ptglab.com

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

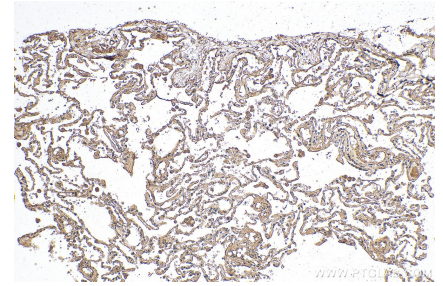
## Données de validation sélectionnées



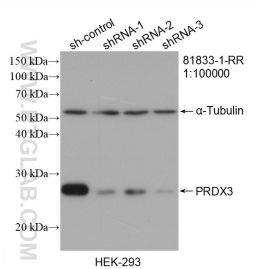
Various lysates were subjected to SDS PAGE followed by western blot with 81833-1-RR (PRDX3 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.



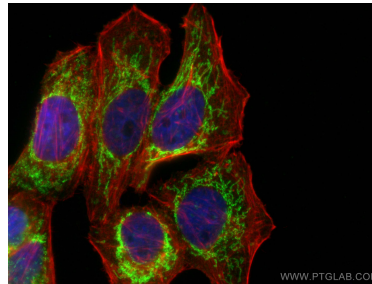
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 81833-1-RR (PRDX3 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



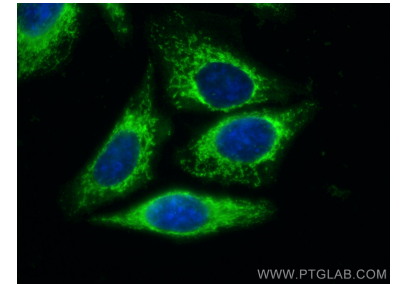
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 81833-1-RR (PRDX3 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



WB result of PRDX3 antibody (81833-1-RR; 1:100000); incubated at room temperature for 1.5 hours with sh-Control and sh-PRDX3 transfected HEK-293 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using PRDX3 antibody (81833-1-RR, Clone: 1L11) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using PRDX3 antibody (81833-1-RR, Clone: 1L11) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).