

À des fins de recherche uniquement

Anticorps Monoclonal anti-peroxiredoxin 2



Numéro de catalogue: 60202-1-Ig

Phare

5 Publications

Informations de base

Numéro de catalogue:

60202-1-Ig

Numéro d'acquisition GenBank:

BC003022

Méthode de purification:

Purification par protéine G

Taille:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Identification du gène (NCBI):

7001

CloneNo.:

3H6C4

Hôte:

Mouse

Nom complet:

peroxiredoxin 2

Dilutions recommandées:

WB 1:5000-1:50000

IHC 1:20-1:200

IF 1:50-1:500

Isotype:

IgG1

MW calculé

22 kDa

MW observés:

22 kDa

Immunogen Catalog Number:

AG0835

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules HeLa, cellules HEK-293, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules K-562, cellules MCF-7, cellules NIH/3T3, cellules PC-12, tissu cérébral humain foetal, tissu testiculaire humain

IHC : tissu testiculaire humain, tissu cérébral humain

IF : cellules MCF-7,

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.

Informations générales

PRDX2, also named as TSA, PRP, NKEFB and TDPX1, belongs to the ahpC/TSA family. It is known to act as an antioxidant enzyme whose main function is H₂O₂ reduction in cells. PRDX2 is involved in redox regulation of the cell. It reduces peroxides with reducing equivalents provided through the thioredoxin system. It may play an important role in eliminating peroxides generated during metabolism. PRDX2 might participate in the signaling cascades of growth factors and tumor necrosis factor-alpha by regulating the intracellular concentrations of H₂O₂. PRDX2 actions may be related to the expression of NFKB and IKB.(PMID:21248284)

Publications notables

Autrice	Pubmed ID	Journal	Application
Silei Zhou	27602166	Oncol Lett	WB
Yanxia Jin	30454068	J Exp Clin Cancer Res	WB,IHC,IF
Yini Ma	31388312	Cancer Manag Res	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.

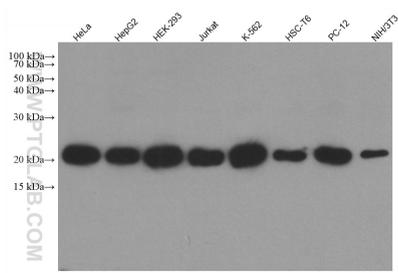
For technical support and original validation data for this product please contact:

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

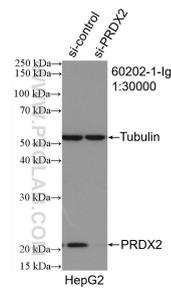
E: proteintech@ptglab.com
W: ptglab.com

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

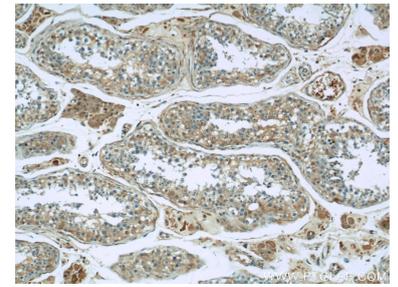
Données de validation sélectionnées



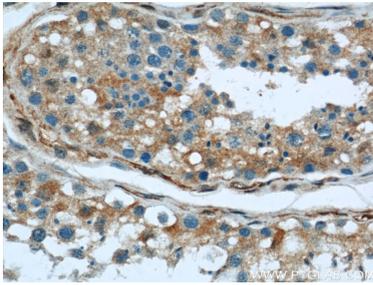
Various lysates were subjected to SDS PAGE followed by western blot with 60202-1-Ig (peroxiredoxin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



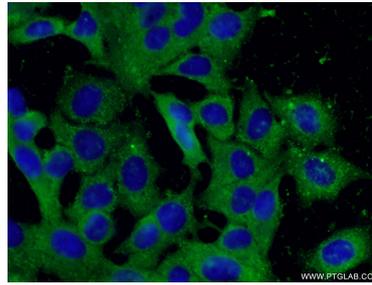
WB result of peroxiredoxin 2 antibody (60202-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-peroxiredoxin 2 transfected HepG2 cells.



Immunohistochemical analysis of paraffin-embedded human testis using 60202-1-Ig(peroxiredoxin 2 antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human testis using 60202-1-Ig(peroxiredoxin 2 antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 60202-1-Ig(peroxiredoxin 2 antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).