

Nur für Forschungszwecke

peroxiredoxin 2 Monoklonaler Antikörper



Katalog-Nr.:60202-1-Ig

Vorgestelltes Produkt

5 Publikationen

Allgemeine Informationen

Katalog-Nr.: 60202-1-Ig	GenBank-Zugangsnummer: BC003022	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 7001	CloneNo.: 3H6C4
Wirt: Maus	Vollständiger Name: peroxiredoxin 2	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:20-1:200 IF 1:50-1:500
Isotyp: IgG1	Berechnete Masse: 22 kDa	
Immunogen Katalognummer: AG0835	Beobachtete Masse: 22 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, fetales humanes Hirngewebe, HEK-293-Zellen, HepG2-Zellen, humanes Hodengewebe, Jurkat-Zellen, K-562-Zellen, MCF-7-Zellen, NIH/3T3-Zellen, PC-12-Zellen

IHC : humanes Hodengewebe, humanes Hirngewebe

IF : MCF-7-Zellen,

Hintergrundinformationen

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- α by regulating the intracellular concentrations of H₂O₂. PRDX2 actions may be related to the expression of NFKB and IKB.(PMID:21248284)

Bemerkenswerte Veröffentlichungen

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

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

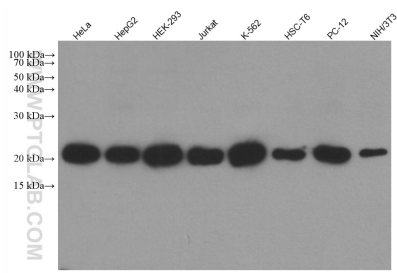
For technical support and original validation data for this product please contact:

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

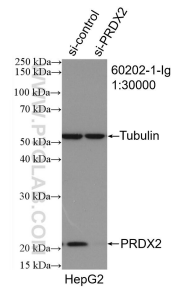
E: proteintech@ptglab.com
W: ptglab.com

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

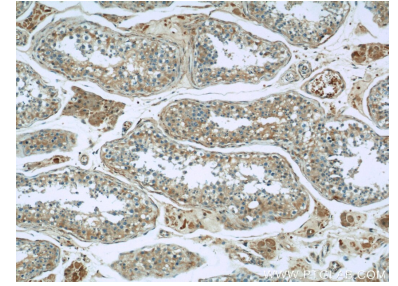
Ausgewählte Validierungsdaten



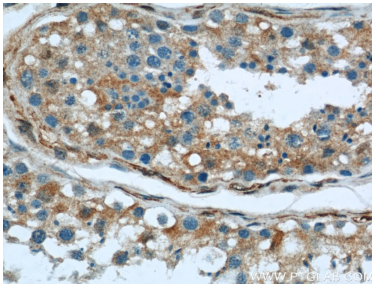
Various lysates were subjected to SDS PAGE followed by western blot with 60202-1-Ig (peroxiredoxin 2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



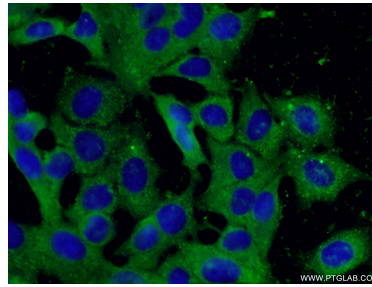
WB result of peroxiredoxin 2 antibody (60202-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-peroxiredoxin 2 transfected HepG2 cells.



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).