

Allgemeine Informationen

Katalog-Nr.: 67763-1-Ig	GenBank-Zugangsnummer: BC021567	Reinigungsmethode: Protein-A-Reinigung
Größe: 150ul , Konzentration: 1000 µg/ml von2879 Nanodrop;	GeneID (NCBI): 2879	CloneNo.: 3F5G5
Wirt: Maus	Vollständiger Name: glutathione peroxidase 4 (phospholipid hydroperoxidase)	Empfohlene Verdünnungen: WB 1:1000-1:4000 IHC 1:1000-1:4000 IF 1:400-1:1600
Isotyp: IgG2b	Beobachtete Masse: 20-23 kDa	
Immunogen Katalognummer: AG30650		

Anwendungen

Geprüfte Anwendungen:

IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, IP, WB

Getestete Reaktivität:

Hausschwein, Human, Kaninchen, Maus, Ratte

Zitierte Arten:

Hausschwein, Huhn, Human, Maus, Ratte, Ziege

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

Positivkontrollen:

WB : EC109-Zellen, 4T1-Zellen, ATDC-5-Zellen, Hausschwein-Hirngewebe, HEK-293-Zellen, HeLa-Zellen, HepG2-Zellen, humanes Thrombozytengewebe, Jurkat-Zellen, Kaninchenhirngewebe, Kaninchenhodengewebe, Maushirngewebe, Maushodengewebe, NCCIT-Zellen, Rattenhirngewebe

IHC : humanes Leberkarzinomgewebe, Maushodengewebe, Rattenhodengewebe

IF : HeLa-Zellen,

Hintergrundinformationen

GPX4 (Phospholipid hydroperoxide glutathione peroxidase, mitochondrial) protects cells against membrane lipid peroxidation and cell death. Required for normal sperm development and male fertility. It has two isoforms about 20KDa and 22KDa, respectively. GPX4 is a monomer, but it has a tendency to form higher mass oligomers (PMID:17630701). It presents primarily in testis.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenyuan Li	34588431	Cell Death Discov	WB,IF
Yue Li	36234847	Molecules	WB
Li Li	36153926	Asian J Androl	WB,IHC

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**

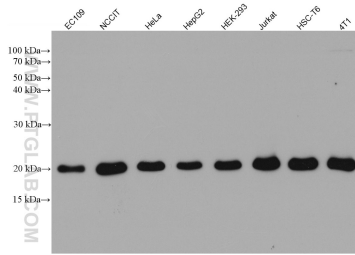
For technical support and original validation data for this product please contact:

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

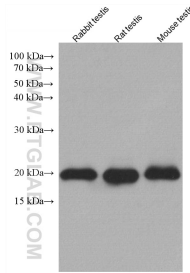
E: proteintech@ptglab.com
W: ptglab.com

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

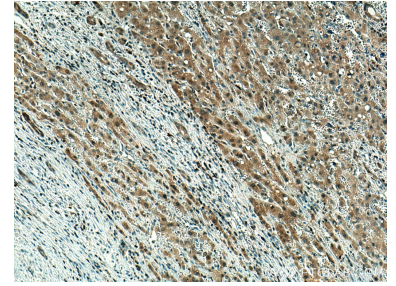
Ausgewählte Validierungsdaten



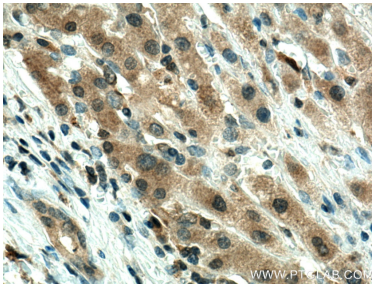
Various lysates were subjected to SDS PAGE followed by western blot with 67763-1-Ig (GPX4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



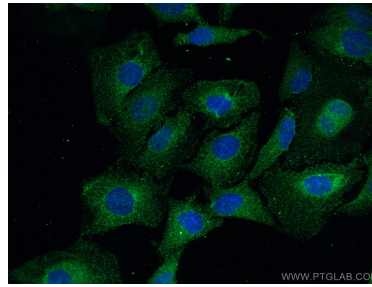
Various lysates were subjected to SDS PAGE followed by western blot with 67763-1-Ig (GPX4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67763-1-Ig (GPX4 antibody) at dilution of 1:2000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 67763-1-Ig (GPX4 antibody) at dilution of 1:2000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using GPX4 antibody (67763-1-Ig, Clone: 3F5G5) at dilution of 1:800 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).