

À des fins de recherche uniquement

Anticorps Monoclonal anti-GPX4

Numéro de catalogue: 67763-1-Ig

Phare

164 Publications



Informations de base

Numéro de catalogue:

67763-1-Ig

Numéro d'acquisition GenBank:

BC021567

Méthode de purification:

Purification par protéine A

Taille:

150ul, Concentration: 1000 µg/ml by 2879

Identification du gène (NCBI):

2879

CloneNo.:

3F5G5

Nanodrop;

Nom complet:

glutathione peroxidase 4
(phospholipid hydroperoxidase)

Dilutions recommandées:

WB 1:1000-1:4000

Hôte:

Mouse

MW observés:

20-23 kDa

IHC 1:1000-1:4000

Isotype:

IgG2b

IF 1:400-1:1600

Immunogen Catalog Number:

AG30650

Applications

Applications testées:

IF, IHC, WB, ELISA

Demandes citées:

IF, IHC, IP, WB

Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

Espèces citées:

Chèvre, Humain, porc, poulet, 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 EC109, cellules 4T1, cellules ATDC-5, cellules HEK-293, cellules HeLa, cellules HepG2, cellules HSC-T6, cellules Jurkat, cellules NCCIT, tissu cérébral de lapin, tissu cérébral de porc, tissu cérébral de rat, tissu cérébral de souris, tissu plaquettaire humain, tissu testiculaire de lapin, tissu testiculaire de rat, tissu testiculaire de souris

IHC : tissu de cancer du foie humain, tissu testiculaire de rat, tissu testiculaire de souris

IF : cellules HeLa,

Informations générales

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.

Publications notables

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

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.

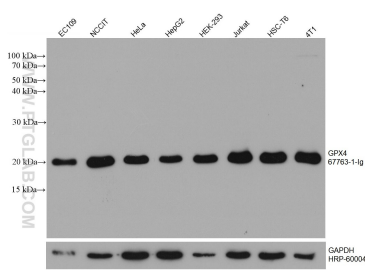
For technical support and original validation data for this product please contact:

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

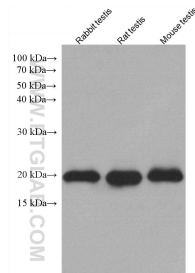
E: proteintech@ptglab.com
W: ptglab.com

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

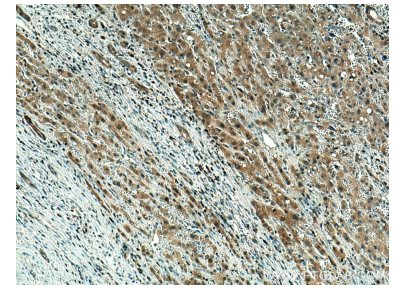
Données de validation sélectionnées



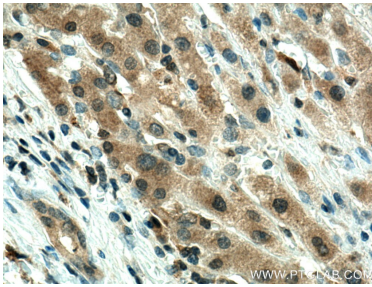
Various lysates were subjected to SDS PAGE followed by western blot with 67763-1-Ig (GPX4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



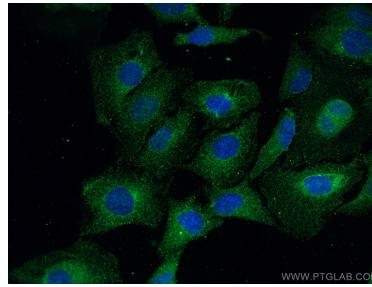
Various lysates were subjected to SDS PAGE followed by western blot with 67763-1-Ig (GPX4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).