

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PON2



Numéro de catalogue: 14379-1-AP

4 Publications

Informations de base

Numéro de catalogue:
14379-1-AP

Taille:
150ul , Concentration: 200 µg/ml by
Bradford method using BSA as the
standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5759

Numéro d'acquisition GenBank:
BC046160

Identification du gène (NCBI):
5445

Nom complet:
paraoxonase 2

MW calculé
39 kDa

MW observés:
39 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:500-1:1000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:20-1:200
IF 1:20-1:200

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, souris

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

Contrôles positifs:

WB : tissu hépatique humain, cellules L02

IP : cellules L02,

IHC : tissu de cancer du foie humain,

IF : cellules HepG2,

Informations générales

PON2 (Serum paraoxonase/arylesterase 2) has antioxidant activity and can prevent LDL lipid peroxidation, reverses the oxidation of mildly oxidized LDL, and inhibits the ability of MM-LDL to induce monocyte chemotaxis. Highest levels of PON2 protein are found in the mouse lung and small intestine, followed by the heart and liver, while lower levels are present in the testis, kidney and brain. PON2 expression in tissues from female mice is always significantly higher than in male animals. There are also some reports showing two bands of 43 kDa and 53 kDa to be detected through western blot as the two isoforms of this protein. (PMID:21354197).

Publications notables

Autrice	Pubmed ID	Journal	Application
Henning Hagmann	36429053	Cells	IHC
Henning Hagmann	24421402	FASEB J	IHC
Xueqi Chen	37054540	Biomed Pharmacother	WB, IF

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)

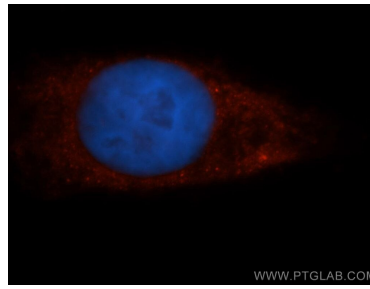
E: proteintech@ptglab.com
W: ptglab.com

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

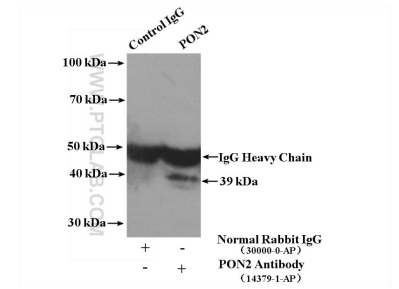
Données de validation sélectionnées



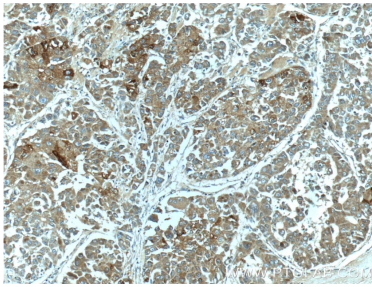
human liver tissue were subjected to SDS PAGE followed by western blot with 14379-1-AP (PON2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



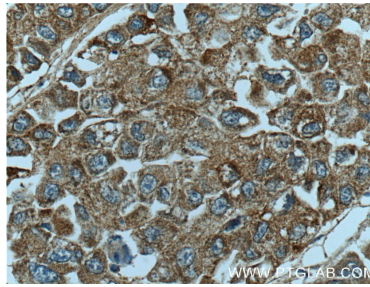
Immunofluorescent analysis of HepG2 cells, using PON2 antibody 14379-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



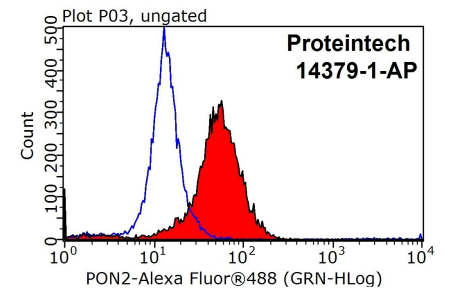
IP Result of anti-PON2 (IP:14379-1-AP, 4ug; Detection:14379-1-AP 1:500) with L02 cells lysate 3200ug.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14379-1-AP (PON2 Antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 14379-1-AP (PON2 Antibody) at dilution of 1:200 (under 40x lens).



1X10⁶ HepG2 cells were stained with 0.2ug PON2 antibody (14379-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.