

Allgemeine Informationen

Katalog-Nr.:

14379-1-AP

Größe:

150ul , Konzentration: 200 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG5759

GenBank-Zugangsnummer:

BC046160

GeneID (NCBI):

5445

Vollständiger Name:

paraoxonase 2

Berechnete Masse:

39 kDa

Beobachtete Masse:

39 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000

IP 0.5-4.0 ug für IP und 1:500-1:1000

für WB

IHC 1:20-1:200

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human, Maus

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

Positivkontrollen:

WB : humanes Lebergewebe, L02-Zellen

IP : L02-Zellen,

IHC : humanes Leberkarzinomgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

PON2(Serum paraoxonase/arylesterase 2) has antioxidant activity and can prevent 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).

Bemerkenswerte Veröffentlichungen

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

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)

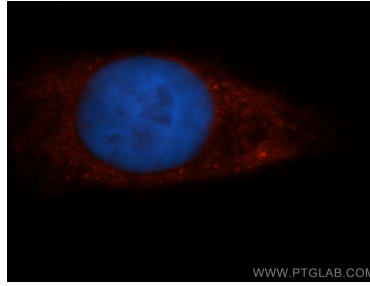
E: proteintech@ptglab.com
 W: ptglab.com

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

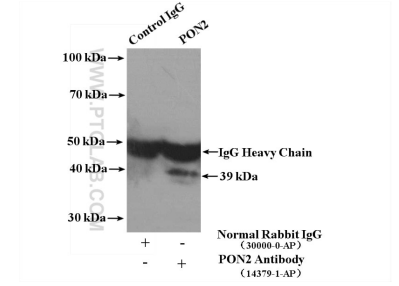
Ausgewählte Validierungsdaten



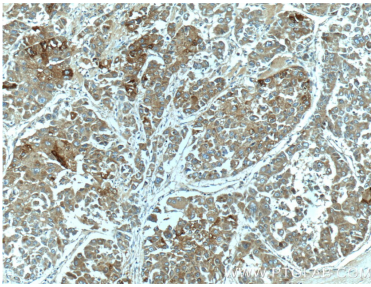
human liver tissue were subjected to SDS PAGE followed by western blot with 14379-1-AP (PON2 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



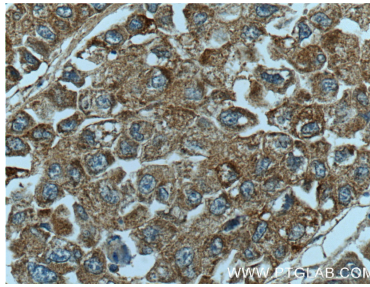
Immunofluorescent analysis of HepG2 cells, using PON2 antibody 14379-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



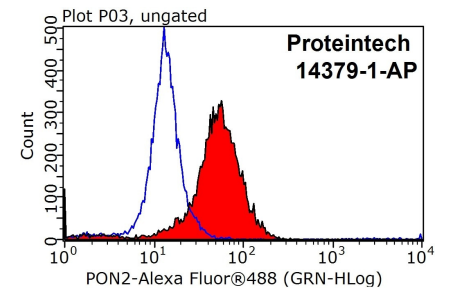
IP Result of anti-PON2 (IP:14379-1-AP, 4ug; Detection:14379-1-AP 1:500) with L02 cells lysate 3200ug.



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.