

Nur für Forschungszwecke

Pentraxin 3 Polyklonaler Antikörper



Katalog-Nr.:13797-1-AP

Vorgestelltes Produkt

19 Publikationen

Allgemeine Informationen

Katalog-Nr.:
13797-1-AP

Größe:
150ul , Konzentration: 500 µg/ml von
Nanodrop und 253 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG4624

GenBank-Zugangsnummer:
BC039733

GeneID (NCBI):
5806

Vollständiger Name:
pentraxin-related gene, rapidly
induced by IL-1 beta

Berechnete Masse:
381 aa, 42 kDa

Beobachtete Masse:
42 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:

IF, WB,ELISA

In Publikationen genannte Anwendungen:

IF, IHC, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human, Maus, Rind

Positivkontrollen:

WB : HepG2-Zellen, HeLa-Zellen, Jurkat-Zellen

IF : HepG2-Zellen,

Hintergrundinformationen

Pentraxin 3 (PTX3), also known as TNF-inducible gene 14 protein (TSG-14), is a member of the pentraxin superfamily which consists of evolutionarily conserved proteins characterized by a structural motif, the pentraxin domain (PMID: 15771574). Pentraxin 3 can be produced by a variety of cell types including endothelial cells, smooth muscle cells, adipocytes, fibroblasts, mononuclear phagocytes, and dendritic cells, and its expression is induced by primary inflammatory signals, such as IL-1, TNF, and microbial moieties (PMID: 15771574). Pentraxin 3 is an acute phase glycoprotein that plays a role in the regulation of innate resistance to pathogens, inflammation, tissue remodeling and repair, female fertility and cancer (PMID: 29412047). Pentraxin 3 is a biomarker for cardiovascular disease (PMID: 22347626). Increased plasma Pentraxin 3 levels have been found in patients with cardiovascular disorders (PMID: 22347626; 31057548). In WB, there're two major bands, an upper signal at 80-86 kDa and a lower signal at 42 kDa, representing Pentraxin 3 dimers and monomers, respectively (PMID: 18223257).

Bemerkenswerte Veröffentlichungen

| Verfasser | Pubmed ID | Journal | Anwendung |
|--------------|-----------|-------------------|-----------|
| Wan Li | 36562002 | Acta Pharm Sin B | WB,IHC,IF |
| Yijun Zhou | 31780874 | Mediators Inflamm | WB |
| Bulbul Ahmed | 30483742 | Int J Oncol | 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

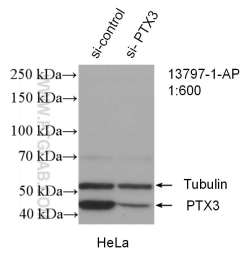
For technical support and original validation data for this product please contact:

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

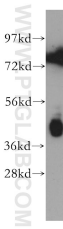
E: proteintech@ptglab.com
W: ptglab.com

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

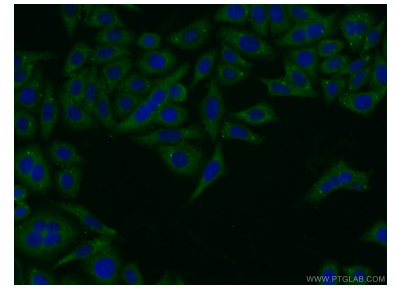
Ausgewählte Validierungsdaten



WB result of Pentraxin 3 antibody (13797-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-Pentraxin 3 transfected HeLa cells.



HepG2 cells were subjected to SDS PAGE followed by western blot with 13797-1-AP (Pentraxin 3 antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells using 13797-1-AP (Pentraxin 3 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).