

## Pentraxin 3 Polyclonal Antibody

Catalog number: 13797-1-AP

Size: 38 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

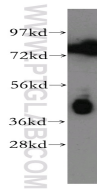
PTX3; Pentaxin related protein

PTX3, Pentraxin 3, Pentraxin

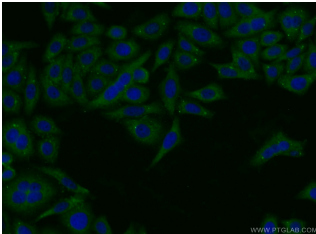
related protein PTX3, PTX3,

TNF alpha induced protein 5,

TNFAIP5, TSG 14, TSG14



HepG2 cells were subjected to SDS PAGE followed by western blot with 13797-1-AP (PTX3 antibody) at dilution of 1:300



Immunofluorescent analysis of HepG2 cells using 13797-1-AP (PTX3 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

### Background

PTX3, also named as TNFAIP5 and TSG14, is an acute phase glycoprotein that plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. In WB, there're 2 major bands, an upper signal at 80-86 kDa and a lower signal at 43 kDa, representing PTX3 dimers and monomers, respectively(18223257).

### Applications

Tested applications:	ELISA, WB, IF
Cited applications:	WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated Pentraxin 3 MW:	381aa, 42 kDa
Observed Pentraxin 3 MW:	42 kDa
Positive WB detected in	HepG2 cells, Jurkat cells
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:500-1:5000 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag4624
GenBank accession number:	BC039733
Gene ID (NCBI):	5806
Full name:	Pentraxin-related gene, rapidly induced by IL-1 beta

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.