

HSP47 Polyclonal Antibody

Catalog number: 10875-1-AP

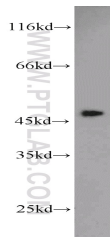
Size: 61 µg/150 µl

Source: Rabbit

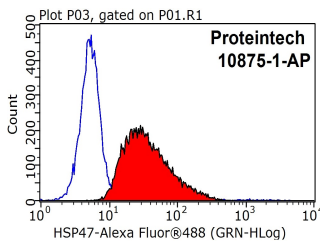
Isotype: IgG

Synonyms:

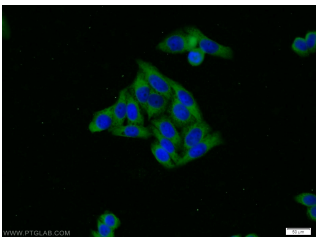
SERPINH1; 47 kDa heat shock protein, AsTP3, CBP1, CBP2, Collagen binding protein, Colligin, gp46, HSP47, PIG14, PPROM, RA A47, Serpin H1, SERPINH1, SERPINH2



HT-1080 cells were subjected to SDS PAGE followed by western blot with 10875-1-AP(SERPINH1 antibody) at dilution of 1:100



1X10⁶ HepG2 cells were stained with 0.2ug SERPINH1 antibody (10875-1-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.



Immunofluorescent analysis of HeLa cells using 10875-1-AP(SERPINH1 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

Applications

Tested applications:	ELISA, IHC, WB, FC, IF
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated HSP47 MW:	46 kDa
Observed HSP47 MW:	46-48 kDa
Positive WB detected in	HT-1080 cells, A2780 cells, A431 cells, HeLa cells, NIH/3T3 cells
Positive IHC detected in	Human hepatocirrhosis tissue
Positive IF detected in	HeLa cells
Positive FC detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:10-1:100 FC: N/A

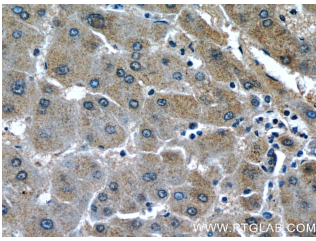
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1301
GenBank accession number:	BC014623
Gene ID (NCBI):	871
Full name:	Serpin peptidase inhibitor, clade H (heat shock protein 47), member 1, (collagen binding protein 1)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



**Immunohistochemistry of
paraffin-embedded human
hepatocirrhosis tissue slide
using 10875-1-AP (SERPINH1
Antibody) at dilution of 1:50**