USA: proteintech@ptglab.com

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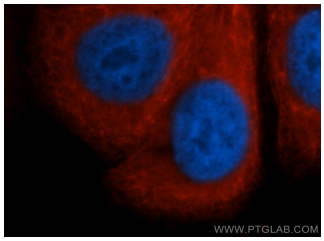
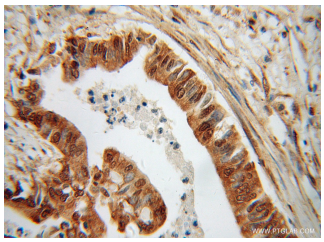
RPS3A Polyclonal Antibody

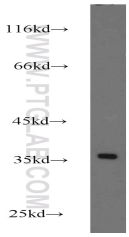
Catalog number: 14123-1-AP
Size: 25 µg/150 µl
Source: Rabbit
Isotype: IgG
Synonyms:
RPS3A; 40S ribosomal protein S3a, Fte 1, FTE1, MFTL, ribosomal protein S3A, RPS3A



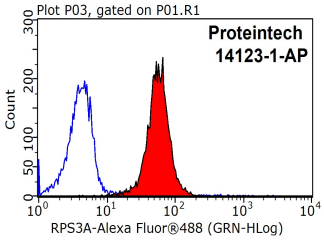
Immunofluorescent analysis of HepG2 cells, using RPS3A antibody 14123-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



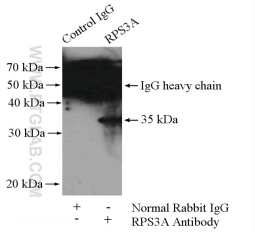
Immunohistochemical of paraffin-embedded human pancreas cancer using 14123-1-AP(RPS3A antibody) at dilution of 1:100 (under 40x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 14123-1-AP(RPS3A antibody) at dilution of 1:800



1X10^6 HepG2 cells were



IP Result of anti-RPS3A

Background

RPS3a, a component of the ribosomal small subunit (40S), is a member of the A20 family of the deubiquitinating cysteine proteases. RPS3a is an inducing factor for oncogenic cellular transformation of Rat-1 cells by v-fos, and is highly expressed in most tumors including hepatocellular carcinoma and other cancers. On the other hand, RPS3a has also been described as a regulator of apoptosis and transcription factors

Applications

Tested applications:	**ELISA, WB, IHC, IF, FC, IP**
Cited applications:	**WB**
Species specificity:	**Human,Mouse,Rat; other species not tested.**
Cited species:	**Human**
Caculated RPS3A MW:	**30 kDa**
Observed RPS3A MW:	**35kd**
Positive WB detected in	**HeLa cells, A431 cells, A549 cells, HepG2 cells, Jurkat cells, Raji cells**
Positive IP detected in	**HepG2 cells**
Positive IHC detected in	**Human pancreas cancer tissue**
Positive IF detected in	**HepG2 cells**
Positive FC detected in	**HepG2 cells**
Recommended dilution:	**WB: 1:200-1:2000** **IP: 1:200-1:2000** **IHC: 1:20-1:200** **IF: 1:20-1:200** **FC: N/A**

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

Immunogen information

Immunogen:	**Ag5273**
GenBank accession number:	**BC066926**
Gene ID (NCBI):	**6189**
Full name:	**Ribosomal protein S3A**

Product information

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

stained with 0.2ug RPS3A antibody (14123-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.

(IP:14123-1-AP, 4ug; Detection:14123-1-AP 1:500) with HepG2 cells lysate 3600ug.