

For Research Use Only

PAPSS1 Polyclonal antibody

Catalog Number: 14708-1-AP **4 Publications**



Basic Information

Catalog Number: 14708-1-AP	GenBank Accession Number: BC050627	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 ug/ml by Nanodrop and 280 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 9061	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate IHC 1:20-1:200 IF/ICC 1:400-1:1600
Source: Rabbit	UNIPROT ID: O43252	
Isotype: IgG	Full Name: 3'-phosphoadenosine 5'-phosphosulfate synthase 1	
Immunogen Catalog Number: AG6401	Calculated MW: 71 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, IP, ELISA	Positive Controls: WB : HepG2 cells, Jurkat cells IP : HepG2 cells, IHC : human ovary tumor tissue, IF/ICC : U2OS cells,
Cited Applications: WB, IHC, IF, CoIP	
Species Specificity: human, mouse, rat	
Cited Species: human, hamster	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Notable Publications

Author	Pubmed ID	Journal	Application
Ren Liu	34081410	Biotechnol J	WB
Wenyng Zhu	28729416	Cancer Res	IF, CoIP
Dylan Calhoon	38765991	bioRxiv	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

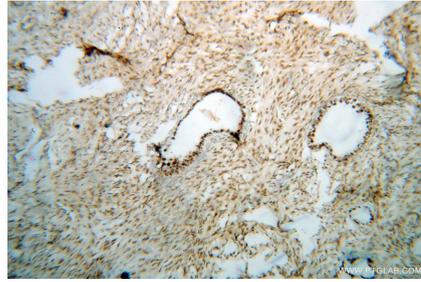
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

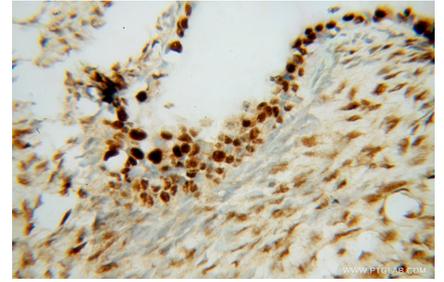
Selected Validation Data



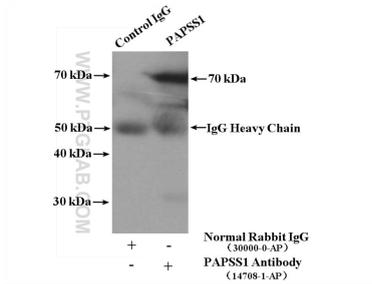
HepG2 cells were subjected to SDS PAGE followed by western blot with 14708-1-AP (PAPSS1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



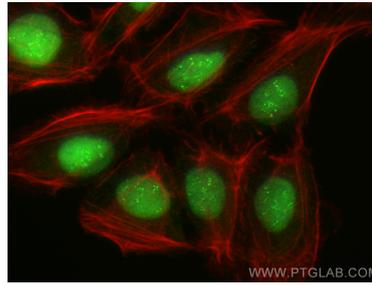
Immunohistochemical analysis of paraffin-embedded human ovary tumor using 14708-1-AP (PAPSS1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 14708-1-AP (PAPSS1 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-PAPSS1 (IP:14708-1-AP, 4 μ g; Detection:14708-1-AP 1:1000) with HepG2 cells lysate 1000 μ g.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PAPSS1 antibody (14708-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).