

For Research Use Only

# G0S2 Polyclonal antibody

Catalog Number: 12091-1-AP

Featured Product

13 Publications



## Basic Information

<b>Catalog Number:</b> 12091-1-AP	<b>GenBank Accession Number:</b> BC009694	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul, Concentration: 600 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 50486	<b>Recommended Dilutions:</b> IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P27469	
<b>Isotype:</b> IgG	<b>Full Name:</b> G0/G1switch 2	
<b>Immunogen Catalog Number:</b> AG2731	<b>Calculated MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, ELISA	<b>Positive Controls:</b> IHC : human liver tissue, IF : H9C2 cells,
<b>Cited Applications:</b> WB, IP, IF, IHC, CoIP, ChIP	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, rat, mouse	

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Background Information

G0S2 is G0/G1 switch protein 2. It is an all trans- retinoic acid (RA) target gene. G0S2 promotes apoptosis by binding to BCL2, hence preventing the formation of protective BCL2-BAX heterodimers.

## Notable Publications

Author	Pubmed ID	Journal	Application
Feng Ye	36106344	Toxicol Mech Methods	IP,CoIP
Nguyen T T Truong	32492632	Cytokine	WB
Yogev Sela	35315913	Cancer Res	IHC

## Storage

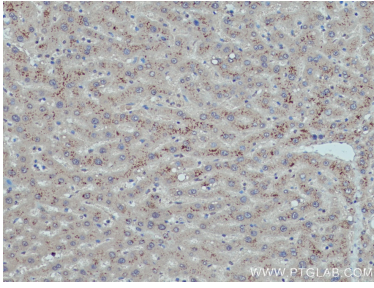
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

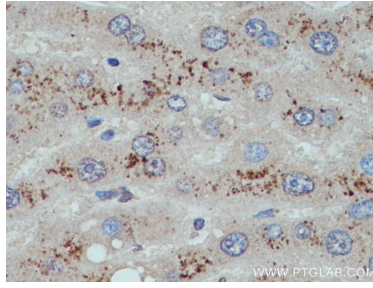
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

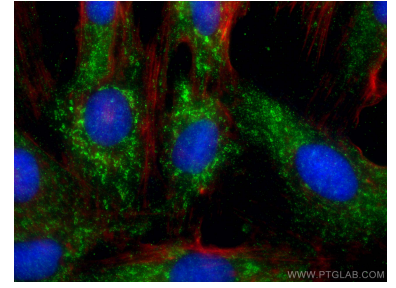
## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 12091-1-AP (G0S2 antibody) at dilution of 1:100 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 12091-1-AP (G0S2 antibody) at dilution of 1:100 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed H9C2 cells using G0S2 antibody (12091-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-phalloidin (red).