

For Research Use Only

G0S2 Polyclonal antibody

Catalog Number: 12091-1-AP

Featured Product

13 Publications



Basic Information

Catalog Number:

12091-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2731

GenBank Accession Number:

BC009694

GeneID (NCBI):

50486

UNIPROT ID:

P27469

Full Name:

G0/G1switch 2

Calculated MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IHC 1:50-1:500

IF 1:50-1:500

Applications

Tested Applications:

IHC, IF, ICC, ELISA

Cited Applications:

WB, IP, IF, IHC, CoIP, ChIP

Species Specificity:

human, mouse

Cited Species:

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

Positive Controls:

IHC : human liver tissue,

IF : H9C2 cells,

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

For technical support and original validation data for this product please contact:

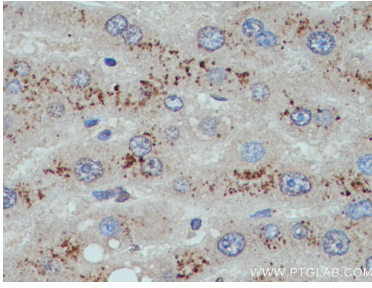
T: 4006900926

E: Proteintech-CN@ptglab.com

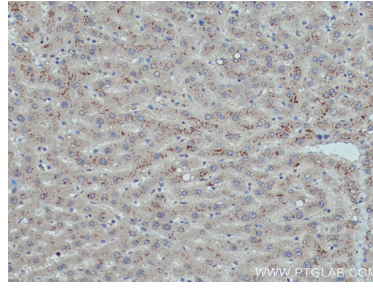
W: ptgcn.com

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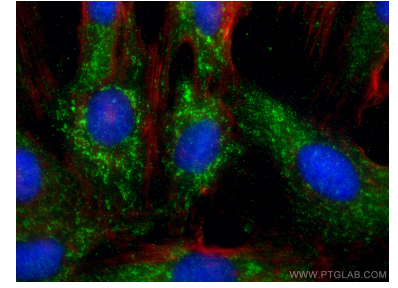
Selected Validation Data



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).



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).



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).