

For Research Use Only

# SDSL Polyclonal antibody

Catalog Number: 16242-1-AP



## Basic Information

<b>Catalog Number:</b> 16242-1-AP	<b>GenBank Accession Number:</b> BC009849	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 500 µg/ml	<b>GeneID (NCBI):</b> 113675	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200 IF 1:20-1:200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q96GA7	
<b>Isotype:</b> IgG	<b>Full Name:</b> serine dehydratase-like	
<b>Immunogen Catalog Number:</b> AG9114	<b>Calculated MW:</b> 329 aa, 35 kDa	
	<b>Observed MW:</b> 55 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IHC, WB, ELISA

**Species Specificity:**  
human, 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:**

**WB:** HepG2 cells, human colon tissue, human liver tissue, mouse liver tissue, mouse lung tissue

**IHC:** human liver tissue,

**IF:** HepG2 cells,

## Background Information

### 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:

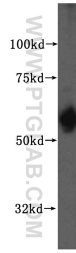
T: 4006900926

E: Proteintech-CN@ptglab.com

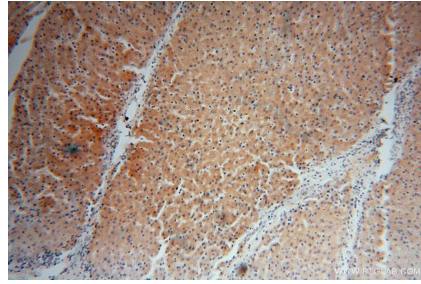
W: ptgcn.com

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

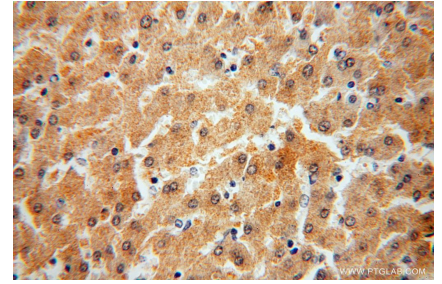
## Selected Validation Data



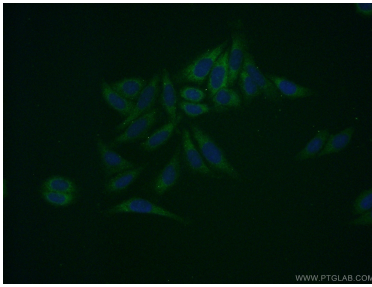
HepG2 cells were subjected to SDS PAGE followed by western blot with 16242-1-AP (SDSL antibody) at dilution of 1:700 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver using 16242-1-AP (SDSL antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver using 16242-1-AP (SDSL antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 16242-1-AP (SDSL antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).