

For Research Use Only

# CHSY1 Polyclonal antibody

Catalog Number: 14420-1-AP **4 Publications**



## Basic Information

<b>Catalog Number:</b> 14420-1-AP	<b>GenBank Accession Number:</b> BC046247	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 393 µg/ml by Nanodrop and 393 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 22856	<b>Recommended Dilutions:</b> WB 1:500-1:3000 IHC 1:20-1:200
<b>Source:</b> Rabbit	<b>Full Name:</b> chondroitin sulfate synthase 1	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 92 kDa	
<b>Immunogen Catalog Number:</b> AG5766	<b>Observed MW:</b> 66 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IHC, WB	WB : mouse spleen tissue, mouse heart tissue
<b>Species Specificity:</b> human, mouse, rat	IHC : human lung cancer tissue,
<b>Cited Species:</b> human, mouse	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Luotong Liu	34716872	Hum Cell	WB
Barbara Gisabella	34054408	Front Neurosci	IHC
Tian Jing J	21129727	Am J Hum Genet	WB

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

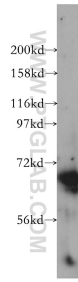
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

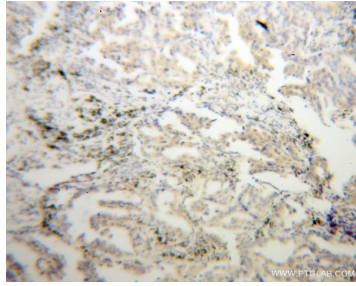
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

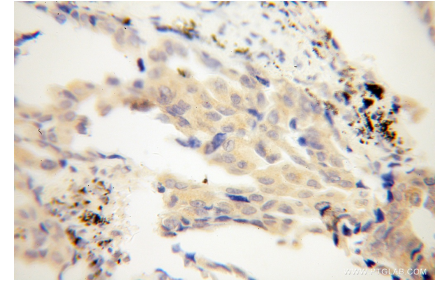
## Selected Validation Data



mouse spleen tissue were subjected to SDS PAGE followed by western blot with 14420-1-AP (CHSY1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer using 14420-1-AP (CHSY1 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human lung cancer using 14420-1-AP (CHSY1 antibody) at dilution of 1:100 (under 40x lens).