

For Research Use Only

# ALY Polyclonal antibody

Catalog Number: 16690-1-AP

Featured Product

4 Publications



## Basic Information

<b>Catalog Number:</b> 16690-1-AP	<b>GenBank Accession Number:</b> BC052302	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 450 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10189	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> THO complex 4	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 257 aa, 27 kDa	
<b>Immunogen Catalog Number:</b> AG10044	<b>Observed MW:</b> 27-30 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells, A431 cells
<b>Cited Applications:</b> IF, WB	<b>IHC :</b> human liver cancer tissue,
<b>Species Specificity:</b> human, mouse, rat	<b>IF :</b> HepG2 cells,
<b>Cited Species:</b> human, pig	
<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
Lingcai Zhao	36084138	PLoS Pathog	WB,IF
Lin Yang	35559610	ACS Infect Dis	WB
Mi Kyung Park	34879239	Cell Metab	WB

## Storage

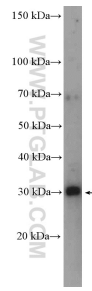
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

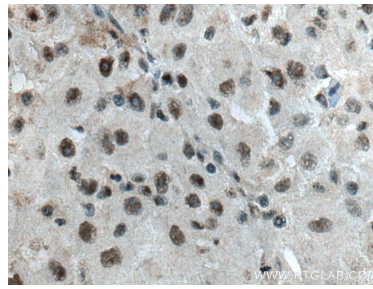
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

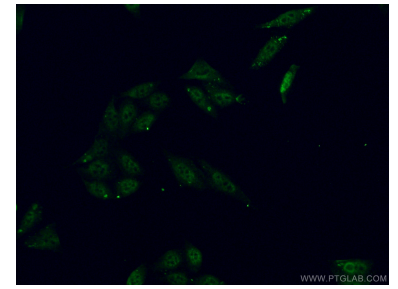
## Selected Validation Data



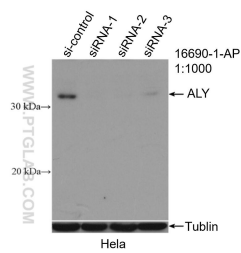
HeLa cells were subjected to SDS PAGE followed by western blot with 16690-1-AP (ALY antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16690-1-AP (ALY antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using 16690-1-AP (ALY antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



WB result of ALY antibody (16690-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-ALY transfected HeLa cells.