

For Research Use Only

# ATG101 Polyclonal antibody

Catalog Number: 26562-1-AP

1 Publications



## Basic Information

<b>Catalog Number:</b> 26562-1-AP	<b>GenBank Accession Number:</b> BC005151	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 200 µg/ml by Nanodrop and 167 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 60673	<b>Recommended Dilutions:</b> WB 1:500-1:800 IP 0.5-4.0 ug for IP and 1:200-1:800 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> chromosome 12 open reading frame 44	<b>IHC</b> 1:50-1:500
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 218 aa, 25 kDa	
<b>Immunogen Catalog Number:</b> AG22932	<b>Observed MW:</b> 25-28 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB	<b>WB</b> : mouse brain tissue,
<b>Species Specificity:</b> human, mouse	<b>IP</b> : HeLa cells,
<b>Cited Species:</b> human	<b>IHC</b> : human liver cancer tissue,

**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

### Notable Publications

Author	Pubmed ID	Journal	Application
Xu Jiang	37132450	Cell Biol Int	WB

## Storage

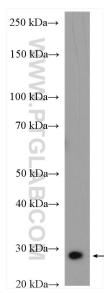
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

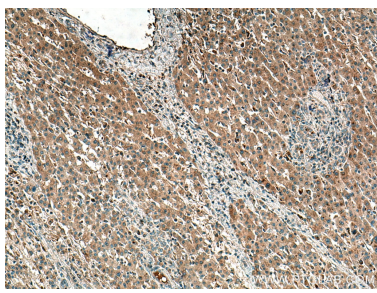
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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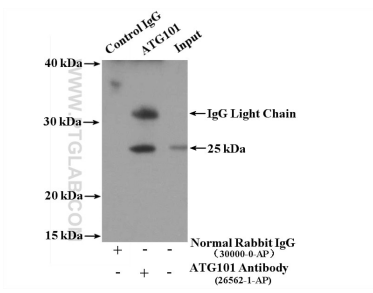
Selected Validation Data



mouse brain tissue were subjected to SDS PAGE followed by western blot with 26562-1-AP (ATG101 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 26562-1-AP (ATG101 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP Result of anti-ATG101 (IP:26562-1-AP, 4ug; Detection:26562-1-AP 1:300) with HeLa cells lysate 2000ug.