

For Research Use Only

ATG101 Polyclonal antibody

Catalog Number: 26562-1-AP

1 Publications



Basic Information

Catalog Number:

26562-1-AP

Size:

150ul, Concentration: 200 ug/ml by Nanodrop and 167 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22932

GenBank Accession Number:

BC005151

GeneID (NCBI):

60673

UNIPROT ID:

Q9BSB4

Full Name:

chromosome 12 open reading frame 44

Calculated MW:

218 aa, 25 kDa

Observed MW:

25-28 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:800

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IP, IHC, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse

Cited Species:

human

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 : mouse brain tissue,

IP : HeLa cells,

IHC : human liver cancer tissue,

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

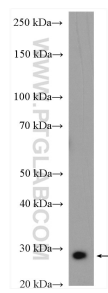
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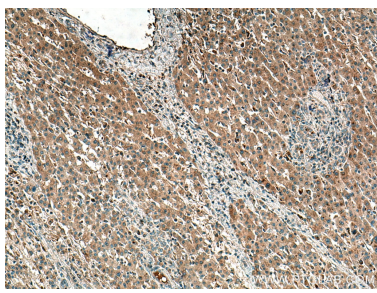
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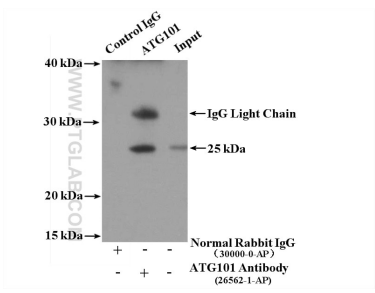
Selected Validation Data



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.