

For Research Use Only

ATG12 Polyclonal antibody, PBS Only

Catalog Number: 11264-1-PBS

Featured Product



Basic Information

Catalog Number:

11264-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1791

GenBank Accession Number:

BC012266

GeneID (NCBI):

9140

UNIPROT ID:

O94817

Full Name:

ATG12 autophagy related 12 homolog (S. cerevisiae)

Calculated MW:

15 kDa

Observed MW:

48-55 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

ATG12, also named as APG12 and APG12L, belongs to the ATG12 family. It is required for autophagy. Free ATG12 is 15kd or 8kd. Conjugated to ATG5, ATG12-ATG5 show 48-55kd.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

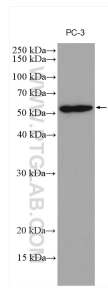
For technical support and original validation data for this product please contact:

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

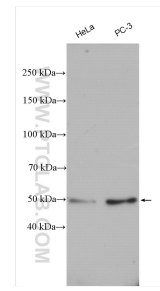
Selected Validation Data



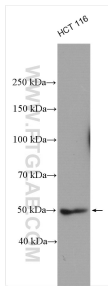
PC-3 cells were subjected to SDS PAGE followed by western blot with 11264-1-AP (ATG12 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11264-1-PBS in a different storage buffer formulation.



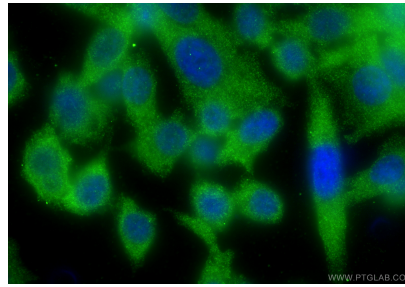
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11264-1-AP (ATG12 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11264-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 11264-1-AP (ATG12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11264-1-PBS in a different storage buffer formulation.



HCT 116 cells were subjected to SDS PAGE followed by western blot with 11264-1-AP (ATG12 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11264-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed PC-3 cells using ATG12 antibody (11264-1-AP) at dilution of 1:400 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 11264-1-PBS in a different storage buffer formulation.