

For Research Use Only

ATG12 Recombinant antibody, PBS Only

Catalog Number: 84935-6-PBS



Basic Information

Catalog Number:

84935-6-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:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

242483F1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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:

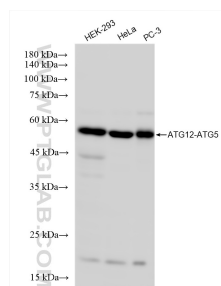
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

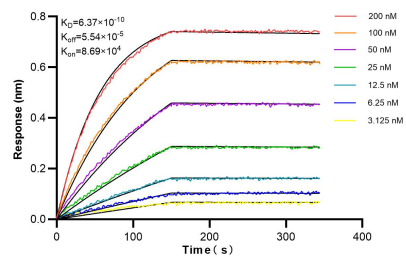
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84935-6-RR (ATG12 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84935-6-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84935-6-RR against Human ATG12 were performed. The affinity constant is 0.637 nM.