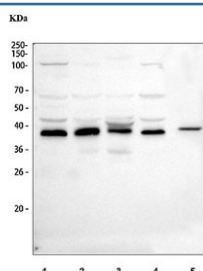


ATG3 Antibody / APG3 (R32910)

Catalog No.	Formulation	Size
R32910	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Monkey
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NT62
Applications	Western Blot : 0.5-1ug/ml
Limitations	This ATG3 antibody is available for research use only.



Western blot testing of 1) human K562, 2) human Raji, 3) monkey COS-7, 4) human HeLa and 5) mouse NIH 3T3 cell lysate with ATG3 antibody at 0.5ug/ml. Predicted molecular weight ~36 kDa.

Description

This ATG3 gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. And the protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms.

Application Notes

Optimal dilution of the ATG3 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids M1-T244 was used as the immunogen for the ATG3 antibody.

Storage

After reconstitution, the ATG3 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.