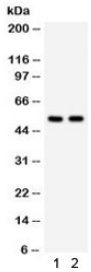
ATG13 Antibody (R31833)

Catalog No.	Formulation	Size
R31833	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
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	O75143
Applications	Western blot: 0.1-0.5ug/ml
Limitations	This ATG13 antibody is available for research use only.



Western blot testing of 1) human HeLa and 2) mouse HEPA lysate with ATG13 antibody. Predicted/observed molecular weight ~57 kDa.

Description

Autophagy-related protein 13, also known as ATG13, is a protein that in humans is encoded by the KIAA0652 gene. ATG13 is an autophagy factor required for phagosome formation. It is located on 11p11.2. And ATG13 is a target of the TOR kinase signaling pathway that regulates autophagy through phosphorylation of ATG13 and ULK1, and the regulation of the ATG13-ULK1-RB1CC1 complex.

Application Notes

Optimal dilution of the ATG13 antibody should be determined by the researcher.

Immunogen

Amino acids MAEDLDSLPEKLAVHEKNVREFDAFVETLQ of human ATG13 were used as the immunogen for the ATG13 antibody.

Storage

After reconstitution, the ATG13 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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