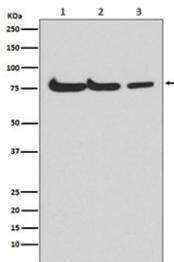


ATG7 Antibody [clone ACHA-1] (RQ4805)

Catalog No.	Formulation	Size
RQ4805	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	ACHA-1
Purity	Affinity purified
UniProt	O95352
Applications	Western Blot : 1:1000-1:5000
Limitations	This ATG7 antibody is available for research use only.



Western blot testing of 1) human HepG2, 2) mouse spleen and 3) rat kidney lysate with ATG7 antibody. Predicted molecular weight: 70-80 kDa.

Description

Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. This conjugation reaction is mediated by the ubiquitin E1-like enzyme Atg7 and the E2-like enzyme Atg10.

Application Notes

Optimal dilution of the ATG7 antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human ATG7 was used as the immunogen for the ATG7 antibody.

Storage

Store the ATG7 antibody at -20oC.