

ATG7 Polyclonal Antibody

Catalog number: 10088-2-AP

Size: 38 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

ATG7; APG7 LIKE, APG7L,
ATG7, Autophagy related
protein 7, DKFZp434N0735,
GSA7, hAGP7

Background

Atg7 is an E1-like enzyme that is specifically involved in autophagosome formation and is essential for autophagy. As an autophagic-related protein it is required for linking to Atg12, Atg5 and Atg8, which are essential for Atg conjugation and autophagosome formation. Atg7 has been reported as important regulator of autophagy with starvation-induced or chemotherapeutic agent treatment.

Applications

Tested applications:	ELISA
Cited applications:	IHC, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated ATG7 MW:	78 kDa
Observed ATG7 MW:	

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag0142
GenBank accession number:	BC000091
Gene ID (NCBI):	10533
Full name:	ATG7 autophagy related 7 homolog (<i>S. cerevisiae</i>)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.