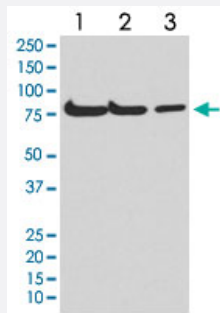


ATG7 monoclonal antibody, clone ACHA-1

Catalog # MAB22021 Size 100 uL

Applications



Western Blot

Western Blot analysis of (1) HepG2 cell lysate, (2) mouse spleen lysate, (3) rat kidney lysate.

Specification

Product Description Rabbit monoclonal antibody raised against synthetic protein of human ATG7.

Immunogen A synthetic peptide corresponding to human ATG7.

Host Rabbit

Reactivity Human, Mouse, Rat

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage
Immunofluorescence (1:50-200)
Western Blot (1:1000-5000)
The optimal working dilution should be determined by the end user.

Storage Buffer In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).

Storage Instruction
Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western Blot analysis of (1) HepG2 cell lysate, (2) mouse spleen lysate, (3) rat kidney lysate.

- Immunofluorescence

Gene Info — ATG7

Entrez GeneID	10533
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Protein Accession#	O95352
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Gene Name	ATG7
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Gene Alias	APG7-LIKE, APG7L, DKFZp434N0735, GSA7
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Gene Description	ATG7 autophagy related 7 homolog (S. cerevisiae)
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Omim ID	608760
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Gene Ontology	Hyperlink
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Gene Summary	This gene was identified based on homology to Pichia pastoris GSA7 and Saccharomyces cerevisiae APG7. In the yeast, the protein appears to be required for fusion of peroxisomal and vacuolar membranes. The protein shows homology to the ATP-binding and catalytic sites of the E1 ubiquitin activating enzymes. [provided by RefSeq]
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Other Designations	APG7 autophagy 7-like ubiquitin activating enzyme E1-like protein
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Pathway

- [Regulation of autophagy](#)

Disease

- [Disease Progression](#)

- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Huntington Disease](#)
- [Tobacco Use Disorder](#)