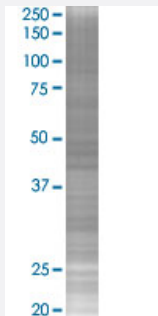


ATG7 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010533-T02

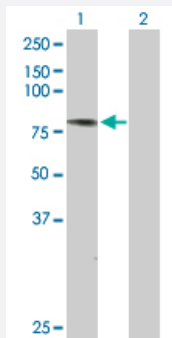
Size 100 uL

Applications



SDS-PAGE Gel

ATG7 transfected lysate.



Western Blot

Lane 1: ATG7 transfected lysate (78.00 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ATG7 full-length
Host	Human
Theoretical MW (kDa)	78
Interspecies Antigen Sequence	Mouse (93); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ATG7 antibody ([H00010533-D01P](#)) by Western Blots.
SDS-PAGE Gel
ATG7 transfected lysate.
Western Blot
Lane 1: ATG7 transfected lysate (78.00 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ATG7

Entrez GeneID

[10533](#)

GeneBank Accession#

[NM_006395.1](#)

Protein Accession#

[NP_006386.1](#)

Gene Name

ATG7

Gene Alias

APG7-LIKE, APG7L, DKFZp434N0735, GSA7

Gene Description

ATG7 autophagy related 7 homolog (S. cerevisiae)

Omim ID

[608760](#)

Gene Ontology

[Hyperlink](#)

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]

Other Designations

APG7 autophagy 7-like|ubiquitin activating enzyme E1-like protein

Pathway

- [Regulation of autophagy](#)

Disease

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