

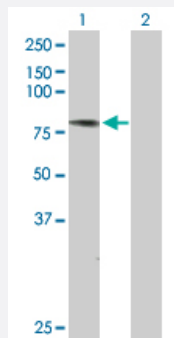
MaxPab®

ATG7 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010533-D01P

Size 100 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ATG7 expression in transfected 293T cell line ([H00010533-T02](#)) by ATG7 MaxPab polyclonal antibody.

Lane 1: ATG7 transfected lysate(78.00 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ATG7 protein.

Immunogen

ATG7 (NP_006386.1, 1 a.a. ~ 703 a.a) full-length human protein.

Sequence

MAAATGDPGLSKLQFAPFSSALDVGFWHELTQKKLNEYRLDEAPKDIKGYYYNGDSAGLPARLTL
EFSAFDMSAPTPARCCPAIGTLYNTNTLESFKTADKLLLEQAANEMESIKSGTALENPVLLNKFL
LLTFADLKKYHFYYWFCYPALCLPESLPIQGPVGLDQRFSLKQIEALECAYDNLQCQTEGVTALPYF
LIKYDENMVLVSLKHYSDFFQGQRTKITIGVYDPCNLAQYPGWPLRNFLVLAHRWSSSFQSVEV
VCFRDRTMQGARDVAHSIIFEVKLPEMAFSPDCPKAVGWEKNQKGGMGPRMVNLSECMDPKR
LAESSVDLNLKLMCWRLVPTLDLDKVVSVKCLLLGAGTLGCNVARTLMGWGVRHITFVDNAKISY
SNPVRQPLYEFEDCLGGGKPKALAAADRLQKIFPGVNARGFNMSIPMPGHPVNFSSVTLEQARR
DVEQLEQLIESHDVVFLLMDTRESRWLPVAVIAASKRKLVINAAALGFDTFVVMRHGLKKPKQQGAG
DLCPNHPVASADLLGSSLFANIPGYKLCYFCNDVVAPGDSTRDRTLDDQCTVSRPGLAVIAGAL
AVELMVSVLQHPEGGYAASSSDDRMNEPPTSLGLVPHQIRGFLSRFDNVLPSLAFDKCTACSS
KVLDQYEREGFNFLAKVFNSSHSLFEDLTGLTLLHQETQAAEIWDMSSDETI

Host

Rabbit

Reactivity

Human

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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](#)