

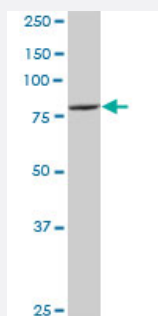
MaxPab®

ATG7 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010533-B01P

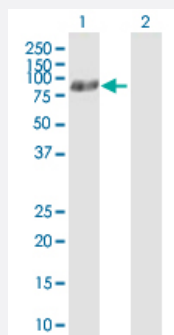
Size 50 ug

Applications



Western Blot (Cell lysate)

ATG7 MaxPab polyclonal antibody. Western Blot analysis of ATG7 expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of ATG7 expression in transfected 293T cell line ([H00010533-T01](#)) by ATG7 MaxPab polyclonal antibody.

Lane 1: ATG7 transfected lysate(77.33 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse 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 EFSAFDMSAPTPARCCPAIGTL YNTNTLESFKTADKLLLEQAANEWESIKSGTALENPVLLNKFL LLTFADLKKYHFYYWFCYPALCLPESLPLIQGPVGLDQRFSLKQIEALECAYDNL CQTEGV TALPYF LIKYDENMVLVSL LKHYSDF FQGQRTKITIGVYDPCNLAQYPGWPLRNFLVLA AHRWSSSFQSVEV VCFRDRTMQGARDVAHSIIFEVKLP EMAFSPDCPKAVGWEKNQKGGMGPRMVNLSECMDPKR LAESSVDLNLKLMCWRLVPTLDLDKVVSVKCLLLGAGTLGCNVARTLMGWGVRHITFVDNAKISY SNPVRQPLYEFEDCLGGGKPKALAAADRLQKIFPGVNARGFNMSIPMPGHPVNFSSVTLEQARR DVEQLEQLIESHDVVFLMDTRESRWLP AVIAASKRKLVINAA LGFDTFVVMRHGLKKPKQQGAG DLCPNHPVASADLLGSSLFANIPGYKLGCYFCNDVVAPGDSTRDRTL DQQCTVSRPGLAVIAGAL AVELMVSVLQHPEGGYAIASSSDDRMNEPPTSLGLVPHQIRGFLSRFDNVL PVSLAFDKCTACSS KVLDQYEREGFNFLAKVFNSSHSFLEDLTGLTLLHQETQAAEIWDMSDDETI
Host	Mouse
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.

Applications

- Western Blot (Cell lysate)

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[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of ATG7 expression in transfected 293T cell line ([H00010533-T01](#)) by ATG7 MaxPab polyclonal antibody.

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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](#)