

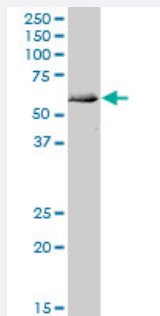
MaxPab®

ATG4C purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00084938-B01P

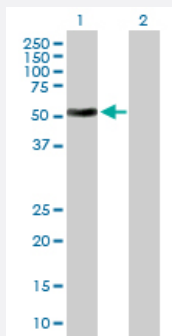
Size 50 ug

Applications



Western Blot (Tissue lysate)

ATG4C MaxPab polyclonal antibody. Western Blot analysis of ATG4C expression in human kidney.



Western Blot (Transfected lysate)

Western Blot analysis of ATG4C expression in transfected 293T cell line ([H00084938-T02](#)) by ATG4C MaxPab polyclonal antibody.

Lane 1: ATG4C transfected lysate(50.38 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ATG4C protein.

Immunogen

ATG4C (NP_116241.2, 1 a.a. ~ 458 a.a) full-length human protein.

Sequence

MEATGTDEVDKLTKEFISAWNNMKYSWVLKTKTYFSRNSPVLLLGKCYHFKYEDEDKTLPAESG
CTIEDHVIAGNVVEEFRKDFISRMLTYREEFPQIEGSALTDCGWGCTLRGTQMLLAQGLILHFLGRA
WTWPDALNIENSDSESWTSHTVKKFTASFEASLSGEREFKPTISLKETIGKYSDDHEMRNEVYH
RKIISWFGDSPLALFGLHQLIEYGKKSGKKAGDWYGPVVAHILRKAVEEARHPDLQGITYVAQDC
TVYNSDVIDKQSASMTSDNADDKAVIILVPVRLGGERTNTDYLEFVKGILSLEYCVGIIGGKPKQSY
FAGFQDDSLYMDPHYCQSFVDVSIKDFPLETFHCPSPKKMSFRKMDPSCTIGFYCRNVQDFKRA
SEEITKMLKFSSKEKYPLFTFVNGHSRDYDFTSTTTNEEDLFSEDEKKQLKRFSTEEFVLL

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90); Rat (90)
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](#)

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Gene Info — ATG4C

Entrez GeneID	84938
GeneBank Accession#	NM_032852
Protein Accession#	NP_116241.2
Gene Name	ATG4C
Gene Alias	APG4-C, APG4C, AUTL1, AUTL3, FLJ14867
Gene Description	ATG4 autophagy related 4 homolog C (S. cerevisiae)
Omim ID	611339
Gene Ontology	Hyperlink

Gene Summary

Autophagy is the process by which endogenous proteins and damaged organelles are destroyed intracellularly. Autophagy is postulated to be essential for cell homeostasis and cell remodeling during differentiation, metamorphosis, non-apoptotic cell death, and aging. Reduced levels of autophagy have been described in some malignant tumors, and a role for autophagy in controlling the unregulated cell growth linked to cancer has been proposed. This gene encodes a member of the autophagin protein family. The encoded protein is also designated as a member of the C-54 family of cysteine proteases. Alternate transcriptional splice variants, encoding the same protein, have been characterized. [provided by RefSeq]

Other Designations

APG4 autophagy 4 homolog C|AUT-like 1, cysteine endopeptidase|AUT-like 3 cysteine endopeptidase|OTTHUMP00000010715|autophagin-3|autophagy-related cysteine endopeptidase 3

Pathway

- [Regulation of autophagy](#)