

DNAxPAb

Hard-to-Find  
Antibody

# ATG4C DNAxPab

Catalog # H00084938-W01P

Size 200 ug

## Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATG4C DNA using DNAx™ Immune technology.
Technology	<a href="#">DNAx™ Immune</a>
Immunogen	Full-length human DNA
Sequence	MEATGTDEVDKLTKEFISAWNNMKYSWVLKTKTYFSRNSPVLLLGKCYHFKYEDDKTLPAESGCTIEDHVIAGNVEEFRKDFISRWLTREEFPQIEGSALTTDCGWGCTLRTGQMLLAQGLILHFLGRAWTWPDALNIENSSESWSHTVKKFTASFEASLSGEREFKPTISLKETIGKYSDDHEMRNEVYH RKIISWFGDSPLALFGLHQLIEYGKKSGKKAGDWYGPVVAHILRKAVEEARHPDLQGITYVAQDC TVYNSDVIDKQSASMTSDNADDKAVIILVPVRLGGERTNTDYLEFVKGILSLEYCVGIIGGKPKQSYFAGFQDDSLYMDPHYCQSFVDVSIKDFPLETFHCPSPKKMSFRKMDPSC TIGFYCRNVQDFKRA SEEITKMLKFSSKEKYPLFTFVNGHSRDYDFTSTTTNEEDLFSEDEKKQLKRFSTEEFVLL
Host	Rabbit
Reactivity	Human
Purification	Protein A
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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

## Gene Info — ATG4C

Entrez GeneID [84938](#)

GeneBank Accession# [NM\\_032852.2](#)

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](#)