

DNAXPAb

Hard-to-Find
Antibody

ATG4B DNAXPab

Catalog # H00023192-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATG4B DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MDAATLTYDTLRFAEFEDFPETSEPVWILGRKYSIFTEKDEILSDVASRLWFTYRKNFPAIGGTGPTSDTGWGCMLRCGQMIFAQALVCRHLGRDWRWTQQRKRPDSYFSVLNAFIDRKDSYYSIHQIAQMGVGEKSGSIGQWYGPNTVAQVLKKLAVFDTWSSLAVHIAMDNTVVMEEIRRLCRTSVPCAGATAFPADSDRHCNGFPAGAEVTNRPSWRPLVLLIPLRLGLTDINEAYVETLKHCFMMPQSLGVIGGKPNSAHYFIGYVGEELMYLDPHTTQPAVEPTDGCFIGPDES FHCQHPPCRMSIAELDPSIAGVGFCKTEDDFNDWCQQVKKLSLLGGALPMFELVEQQPSHLACPDVLNLSLDSSDVERLERFFDSEDEDFEILSL
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 — ATG4B

Entrez GeneID [23192](#)

GeneBank Accession# [BC000719.2](#)

Protein Accession# [AAH00719.1](#)

Gene Name ATG4B

Gene Alias APG4B, AUTL1, MGC1353

Gene Description ATG4 autophagy related 4 homolog B (S. cerevisiae)

Omim ID [611338](#)

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 different isoforms, have been characterized. [provided by RefSeq]

Other Designations APG4 autophagy 4 homolog B|autophagin-1

Pathway

- [Regulation of autophagy](#)