

DNAxPAb

Hard-to-Find
Antibody

ATG10 DNAxPab

Catalog # H00083734-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ATG10 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MEEDFIGEKTFRQYCAEFIKHSQQIGDSWEWRPSKDCSDGYMCKIHFQIKNGSVMSHLGASTHG QTCLPMEEAFELPLDDCEVIETAAASEVIKYEYHVLVYSCSYQVPVLYFRASFLDGRPLTLKDWEG VHECYKMRLQLQGPWDTITQQEHPILGQPFVFLHPCKTNEFMPVLKNSQKINKNVNYITSWLSVGP VVGLNLPLSYAKATSQDERNVP
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 — ATG10

Entrez GeneID [83734](#)**GeneBank Accession#** [NM_031482.3](#)**Protein Accession#** [NP_113670.1](#)**Gene Name** ATG10**Gene Alias** APG10, APG10L, DKFZp586I0418, FLJ13954, pp12616**Gene Description** ATG10 autophagy related 10 homolog (S. cerevisiae)**Omim ID** [610800](#)**Gene Ontology** [Hyperlink](#)

Gene Summary Autophagy is a process for the bulk degradation of cytosolic compartments by lysosomes. ATG10 is an E2-like enzyme involved in 2 ubiquitin-like modifications essential for autophagosome formation: ATG12 (MIM 609608)-ATG5 (MIM 604261) conjugation and modification of a soluble form of MAP-LC3 (MAP1LC3A; MIM 601242), a homolog of yeast Apg8, to a membrane-bound form (Nemoto et al., 2003 [PubMed 12890687]).[supplied by OMIM]

Other Designations APG10 autophagy 10-like

Disease

- [Tobacco Use Disorder](#)