9F, No. 108, Jhouzih St., Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

ATG10 polyclonal antibody

Catalog Number: PAB30243

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant human ATG10.

Immunogen: Recombinant protein corresponding to amino acids of human ATG10.

Sequence:
IGDSWEWRPSKDCSDGYMCKIHFQIKNGSVMSHLGA STHGQTCLPMEEAFELPLDDCEVIETAAASEVIKYEYH VLYSCSYQVPVLYFRASFLDGRPLTLKDIWEGVHECY KM

Host: Rabbit

Reactivity: Human

Applications: IF, IHC-P
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Antigen affinity purification

Isotype: IgG

Recommend Usage: Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200)
Immunofluorescence (1-4 ug/mL)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 83734

Gene Symbol: ATG10

Gene Alias: APG10, APG10L, DKFZp586I0418, FLJ13954, pp12616

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]