

Datasheet

ATG4A polyclonal antibody

Catalog Number: PAB22992

Regulation Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against recombinant ATG4A.

Immunogen: Recombinant protein corresponding to amino acids of human ATG4A.

Sequence:

QSPQRMNINLDPSVALGFFCKEEKDFDNWCSLVQKE
ILKENLRMFELVQKHPSPWPPFVPPAKPEVTTTGAEFI
DSTEQLEEFDFEEDFEILSV

Host: Rabbit

Reactivity: Human

Applications: IHC-P, WB

(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

(1:200-1:500)

Western Blot (1:250-1:500)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH 7.5 (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: 115201

Gene Symbol: ATG4A

Gene Alias: APG4A, AUTL2

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. Transcript variants that encode distinct isoforms have been identified. [provided by RefSeq]