

ATG4c Rabbit pAb

CatalogNo: YN5672

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- IHC, IF

MW

- 57kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

IHC 1:50-300

IF 1:50-200

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Recombinant Protein of ATG4c

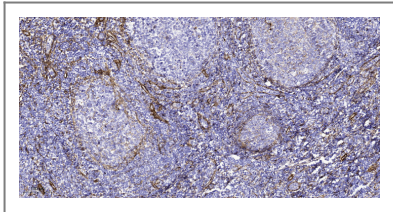
Specificity The antibody detects endogenous ATG4c protein

Target Information

Gene name ATG4C APG4C AUTL1 AUTL3

Protein Name	Cysteine protease ATG4C (AUT-like 3 cysteine endopeptidase) (Autophagin-3) (Autophagy-related cysteine endopeptidase 3) (Autophagy-related protein 4 homolog C)		
	Organism	Gene ID	UniProt ID
	Human	84938;	Q96DT6;
	Mouse		Q811C2;
Cellular Localization	Cytoplasm .		
Tissue specificity	Brain,Heart,Placenta,Testis,		
Function	enzyme regulation:Inhibited by N-ethylmaleimide.,Function:Cysteine protease required for autophagy, which cleaves the C-terminal part of either MAP1LC3, GABARAPL2 or GABARAP, allowing the liberation of form I. A subpopulation of form I is subsequently converted to a smaller form (form II). Form II, with a revealed C-terminal glycine, is considered to be the phosphatidylethanolamine (PE)-conjugated form, and has the capacity for the binding to autophagosomes.,similarity:Belongs to the peptidase C54 family.,tissue specificity:Highly expressed in skeletal muscle, heart, liver and testis.,		

| Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).

| Contact information

Orders: order@immunoway.com
 Support: tech@immunoway.com
 Telephone: 877-594-3616 (Toll Free), 408-747-0185
 Website: <http://www.immunoway.com>
 Address: 2200 Ringwood Ave San Jose, CA 95131 USA



Please scan the QR code to access additional product information:
ATG4c Rabbit pAb