

LC3A Rabbit pAb

CatalogNo: YT7973

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IHC, ELISA

MW

- 13kD (Calculated)

Isotype

- IgG

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.

Recommended Dilution Ratios

WB 1:500-2000

IHC 1:50-300

ELISA 1:2000-20000

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

Synthesized peptide derived from human LC3A. AA range:1-130

Specificity

This antibody detects endogenous levels of Human LC3A

Target Information

Gene name

MAP1LC3A

Protein Name LC3A

Organism	Gene ID	UniProt ID
Human	84557;	Q9H492;
Mouse	66734;	Q91VR7;
Rat	362245;	Q6XVN8;

Cellular Localization Cytoplasmic vesicle , autophagosome membrane ; Lipid-anchor . Endomembrane system ; Lipid-anchor . Cytoplasm , cytoskeleton . LC3-II binds to the autophagic membranes. .

Tissue specificity Most abundant in heart , brain , liver , skeletal muscle and testis but absent in thymus and peripheral blood leukocytes.

Function autophagic vacuole formation , proteolysis , autophagy , vacuole organization , macromolecule catabolic process , cellular response to starvation , response to extracellular stimulus , macroautophagy , modification-dependent protein catabolic process , protein catabolic process , response to nutrient levels , cellular response to extracellular stimulus , cellular response to nutrient levels , cellular response to stress , response to starvation , modification-dependent macromolecule catabolic process , cellular protein catabolic process , cellular macromolecule catabolic process ,proteolysis involved in cellular protein catabolic process ,

| Validation Data

| Contact information

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LC3A Rabbit pAb

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