

LC3A protein

CatalogNo: YD0061

| Key Features

Reactivity

- Human

Applications

- WB,SDS-PAGE

| Recommended Dilution Ratios

WB 1:500-2000

| Storage

Storage* -20°C/6 month,-80°C for long storage

Formulation Liquid in PBS

| Basic Information

Source E.coli

Purification E.coli

Purity SDS-PAGE >90%

| Immunogen Information

Sequence Amino acid: 1-77, with his-MBP tag.

| Target Information

Gene name MAP1LC3A

Protein Name LC3A protein

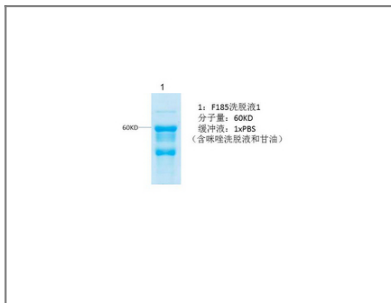
Organism	Gene ID	UniProt ID
Human	84557 ;	Q9H492 ;
Mouse		Q91VR7 ;

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 protein