

Anti-Human/Mouse/Rat MAP1LC3B Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA04713

3th Edition

Description: The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component. MAP1LC3B (Microtubule Associated Protein 1 Light Chain 3 Beta) is a Protein Coding gene. Diseases associated with MAP1LC3B include Sporadic Pheochromocytoma and Lacrimal Gland Adenocarcinoma. Among its related pathways are Vesicle-mediated transport and Senescence and Autophagy in Cancer. GO annotations related to this gene include microtubule binding. An important paralog of this gene is MAP1LC3B2.

Antigen: Synthetic peptide from human protein

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: Most abundant in heart, brain, skeletal muscle and testis. Little expression observed in liver.