

LC3B Antibody

Catalog No: T55992

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB ICC/IF IP



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400-6123-828

Information

UniProt ID: Q9GZQ8

All Names: ATG8F; LC3B; MAP1LC3B; MLP3B; MAP1LC3B;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

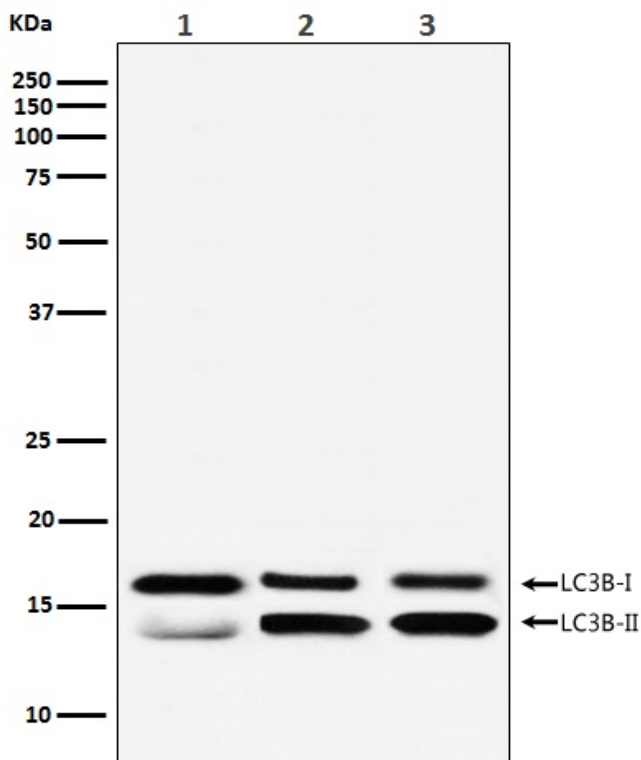
Molecular Wt.: 14,16kDa

Application

WB 1:500~1:2000 ICC/IF 1:50~1:200 IP 1:50

Background

Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.



Western blot analysis of LC3B expression in (1) Human brain lysate; (2) RAW 264.7 cell lysate; (3) C6 cell lysate.

Immunofluorescent analysis of HeLa cells treated with chloroquine, using LC3B Antibody.