

Product Datasheet

LC3A (8F5) Mouse mAb

Catalog No: AB3461

Reactivity: Human, Mouse, Rat

Isotype: Mouse IgG1

Applications: WB, IHC



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Information

UniProt ID: Q9H492

All Names: ATG8E, MAP1LC3A, autophagy-related protein LC3A

Form: Liquid

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

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 14,16kDa

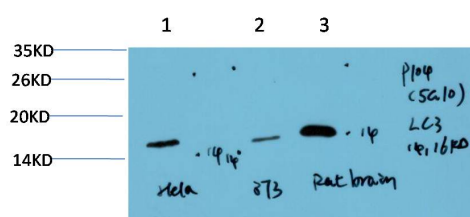
Application

WB: 1/500-1/1000

IHC: 1/50-1/200

Background

Swiss-Prot Acc.Q9H492. Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes) (PubMed:20713600, PubMed:24290141). Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation (PubMed:20713600).



Western blot analysis of 1) Hela Cell Lysate, 2) 3T3 Cell Lysate, 3) Rat Brain Tissue Lysate using LC3A Mouse mAb diluted at 1:1000.

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