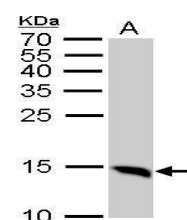


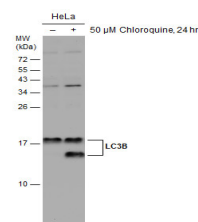
Product Datasheet

LC3B antibody GRP69

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|----------------------------|---|
| 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. [provided by RefSeq] |
| Species/Host | Rabbit |
| Reactivity | Human, Mouse, Rat, Pig |
| Conjugation | Unconjugated |
| Tested Applications | FACS, ICC, IF, IHC-Fr, IHC-P, IP, WB |
| Immunogen | Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human LC3B. The exact sequence is proprietary. |
| Form/Appearance | Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative. |
| Concentration | 0.14 mg/ml |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Note | For research use only. |
| Isotype | IgG |
| Clonality | Polyclonal |
| Purity | Purified by antigen-affinity chromatography. |
| Uniprot ID | Q9GZQ8 |
| Entrez | 81631 |
| Dilution Range | WB: 1:500-1:3000, ICC: 1:100-1:1000, IHC-P: 1:100-1:1000, FACS: 1:50-1:200, IP: 1:100-1:500 |



LC3B antibody detects MAP1LC3B protein by western blot analysis. A. 50 µg Rat brain lysate/extract 15% SDS-PAGE LC3B antibody (GRP521) dilution: 1:1000 The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Untreated (â€“) and treated (+) HeLa whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with LC3B antibody (GRP521) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary ant