

Product Datasheet

LC3B antibody GRP69

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	40 — 35 — 25 —
Conjugation	Unconjugated	15 — — —
Tested Applications	FACS, ICC, IF, IHC-Fr, IHC-P, IP, WB	10 — LC3B antibody detects MAP1LC3B
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of human LC3B. The exac sequence is proprietary.	protein by western blot analysis.A. 50 ?g Rat brain lysate/extract15% SDS-PAGELC3B
Form/Appearance	Liquid: 1XPBS, 1% BSA, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	antibody (GRP521) dilution: 1:1000 The
Concentration	0.14 mg/ml	HRP-conjugated anti-rabbit IgG antibody was
Storage	Store as concentrated solution. Centrifuge briefly prior to openin- 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.	used to detect the primary antibody.
Note	For research use only.	MW (CDs) 72
Isotype	lgG	17 —LC38
Clonality	Polyclonal	10 —
Purity	Purified by antigen-affinity chromatography.	Untreated (–) and treated (+) HeLa whole cell
Uniprot ID	Q9GZQ8	extracts (30 ?g) were separated by 15% SDS-PAGE, and
Entrez	81631	the membrane was blotted with
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 (GRP521) diluted at 1:2500. The HRP-conjugated anti-rabbit IgG antibody

used to detect the primary ant