

Product Data Sheet

Anti-LC3B Antibody

Catalog #	Source	Reactivity	Applications
CPA7536	Rabbit	H, M, R, B	WB
Description	Rabbit polyclonal antibody to LC3B		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human LC3B. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of LC3B protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000)		
Gene Symbol	MAP1LC3B		
Alternative Names	MAP1ALC3; Microtubule-associated proteins 1A/1B light chain 3B; Autophagy-related protein LC3 B; Autophagy-related ubiquitin-like modifier LC3 B; MAP1 light chain 3-like protein 2; MAP1A/MAP1B light chain 3 B; MAP1A/MAP1B LC3 B; Microtubule-associated pro		
Entrez Gene	81631 (Human); 67443 (Mouse); 64862 (Rat)		
SwissProt	Q9GZQ8 (Human); Q9CQV6 (Mouse); Q62625 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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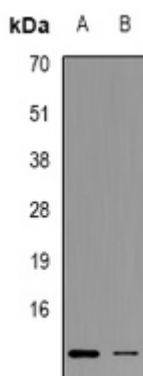
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Western blot analysis of LC3B expression in U87MG (A), mouse brain (B) whole cell lysates. (Predicted band size: 14 kD; Observed band size: 14; 17 kD)

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