



# ELK Biotechnology

LC3B Rabbit pAb

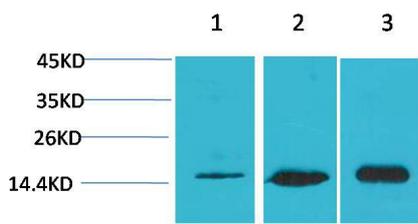
Catalog NO.: EA174

For research use only.

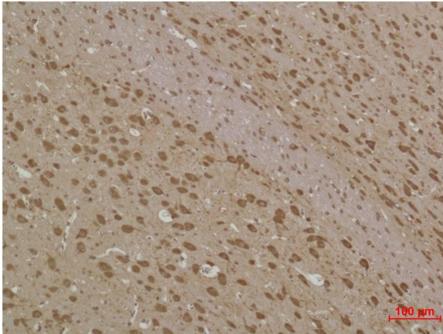
## Overview

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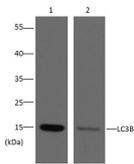
Product name	LC3B Rabbit polyclonal antibody
Source	Rabbit
Applications	<b>WB, IHC</b>
Species reactivity	<b>Human, Rat, Mouse</b>
Recommended dilutions	<b>WesternBlot:1/1000-2000</b> <b>Immunohistochemistry:1/200-500</b> <b>NOTE: Optimal dilutions should be determined by the end user.</b>
Immunogen	Recombinant Protein
Species	Human
Storage	PBS with 0.02% sodium azide and 50% glycerol pH 7.4. Store at -20° C. Avoid repeated freeze-thaw cycles.
Isotype	IgG
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	<b>14,16kDa</b>
GenelD (Human)	81631
Human Swiss-Prot No.	Q9GZQ8
Cellular localization	Cytoplasm, Cytoplasmic vesicle, Cytoskeleton, Membrane, Microtubule
Alternative Names	ATG8F antibody, MAP1 light chain 3 like protein 2 antibody, MAP1A/MAP1B LC3 B antibody
Background	Autophagy marker Light Chain 3 (LC3) was originally identified as a subunit of microtubule-associated proteins 1A and 1B (termed MAP1LC3).



Western blot analysis of 1) HeLa, 2) 3T3, 3)Rat Brain Tissue with LC3B Rabbit pAb EA174 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Rat BrainTissue using LC3B ( EA174 ) Rabbit pAb diluted at 1:500.



Western blot analysis of extracts from HeLa (Lane 1), Min6 (Lane 2), using LC3B diluted at 1:2,000.