anti- LC3 antibody

Product Information

Catalog No.:	FNab04717
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months (Avoid repeated freeze / thaw cycles.)

Background

Map1LC3, also known as LC3, is the human homolog of yeast Apg8 and is involved in the formation of autophagosomal vacuoles, called autophagosomes. Three human Map1LC isoforms, MAP1LC3A, MAP1LC3B, and MAP1LC3C, undergo post-translational modifications during autophagy. And they differ in their post-translation modifications during autophagy. Map1LC3 also exists in two modified forms, an 18-kDa cytoplasmic form that was originally identified as a subunit of the microtubule-associated protein 1, and a 16-kDa form that is associated with the autophagosome membrane. This antibody can cross react with MAP1LC3A, MAP1LC3B, and MAP1LC3C.

Immunogen information

Immunogen:	microtubule-associated protein 1 light chain 3 beta
Synonyms:	LC3, LC3B, MAP1A/1BLC3, MAP1A/MAP1B LC3 B, MAP1A/MAP1B light chain 3 B, MAP1ALC3, MAP1LC3B
Observed MW:	16 kDa
Uniprot ID :	Q9GZQ8

Application
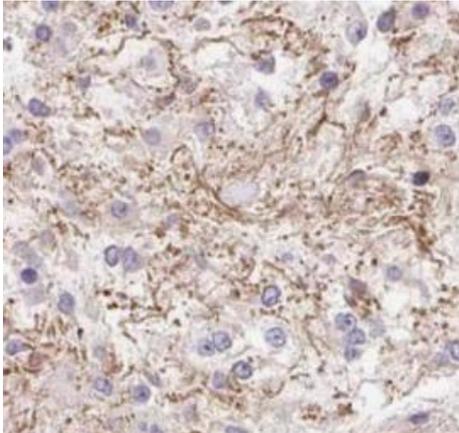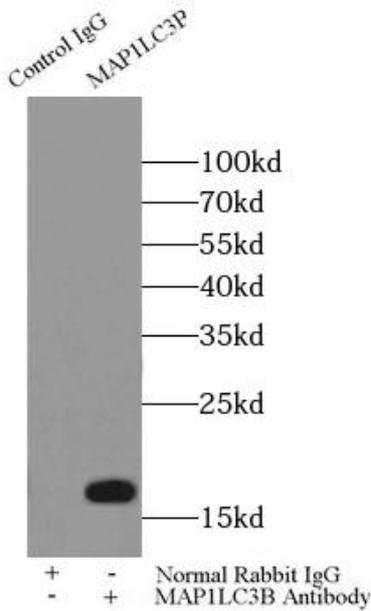
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Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IHC, IF, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000 ; IHC: 1:20-1:200; IF: 1:20-1:200
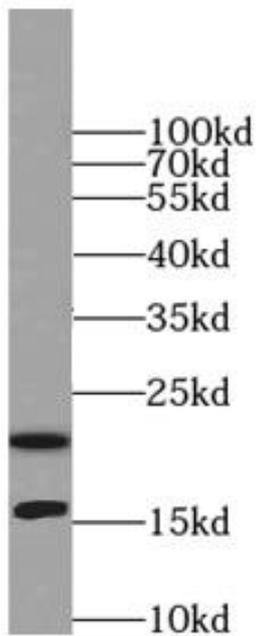
Image:

Immunohistochemistry of paraffin-embedded human gliomas using FNab04717(LC3 antibody) at dilution of 1:50

IP Result of anti-LC3 (IP: FNab04717, 3ug; Detection: FNab04717 1:1000) with mouse brain tissue lysate 4000ug.

Chloroquine treated HeLa cells were subjected to SDS PAGE followed by western blot with FNab04717(LC3 Antibody) at dilution of 1:1000

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