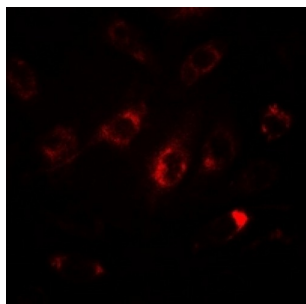


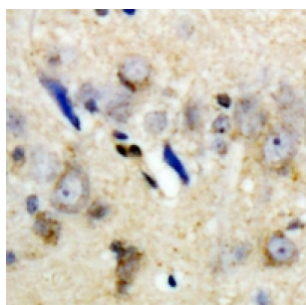
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Microtubule-Associated Proteins 1A/1B Light Chain 3A (MAP1LC3A) Antibody

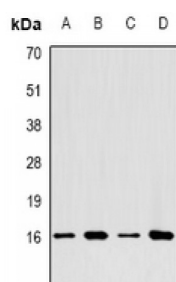
Catalogue No.: abx225277



Immunofluorescent analysis of LC3A staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



Immunohistochemical analysis of LC3A staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Western blot analysis of LC3A expression in SHSY5Y (A), HepG2 (B), BT474 (C), mouse brain (D) whole cell lysates.

LC3A Antibody is a Rabbit Polyclonal against LC3A.

Target:	LC3A
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IHC, IF/ICC

Recommended dilutions: WB: 1/500 - 1/2000, IHC: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.

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Immunogen:	Recombinant full length protein of human LC3A.
Purification:	The antibody was purified by immunogen affinity chromatography.
Form:	Liquid
Isotype:	IgG
Specificity:	Recognizes endogenous levels of LC3A protein.
Storage:	Shipped at 4°C. Aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Swiss Prot:	<u>Q9H492</u>
GeneID:	<u>84557</u> <u>66734</u> <u>362245</u>
Gene Symbol:	MAP1LC3A
Buffer:	0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Note:	This product is for research use only.