

Anti-MAP1LC3A antibody (1-100) [S5MR] (STJ11101405)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

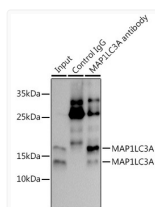
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 14kDa Observed Mw: 14kDa, 16kDa/16kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

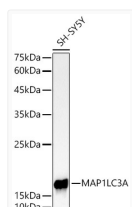
Gene ID	84557
Gene Symbol	MAP1LC3A
UniProt ID	MLP3A_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MPSDRPFKQRRSFADRCKEV QQIRDQHPSPKIPVIERKYG EKQLPVLDTKFLVPDHVNM SELVKIIIRRLQLNPTQAFF LLVNQHSMSVSVSTPIADIYE
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human MAP1LC3A (Q9H492).

ADDITIONAL INFORMATION

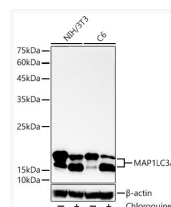
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



Immunoprecipitation analysis of 300 Mu g extracts of NIH/3T3 cells using 3 Mu g MAP1LC3A antibody (STJ11101405). Western blot was performed from the immunoprecipitate using MAP1LC3A antibody (STJ11101405) at a dilution of 1:1000. NIH/3T3 cells were treated by Chloroquine (50 Mu M) at 37 °C for 20 hours.



Western blot analysis of lysates from SH-SY5Y cells using MAP1LC3A Rabbit monoclonal antibody (STJ11101405) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time:10s.



Western blot analysis of lysates from NIH/3T3, C6 cells using MAP1LC3A Rabbit monoclonal antibody (STJ11101405) at 1:1000 dilution. NIH/3T3 cells and C6 cells were treated by Chloroquine (50 Mu M) at 37 °C for 20 hours. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 180s.