

Anti-LC3B Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P010252

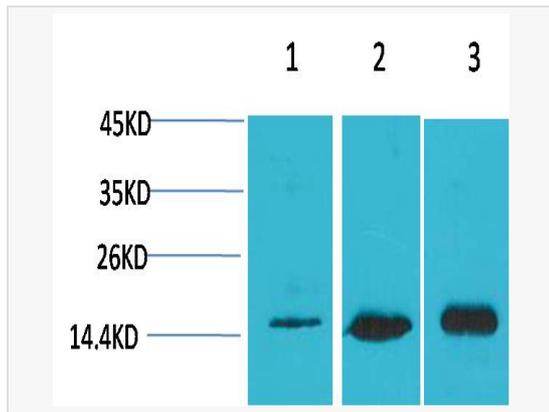
Product Information

Application	WB, ICC/IF (Cell), IHC-F/IF (Tissue-F), IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant Protein of MAP LC3 β
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-LC3B antibody is for research use only and not for use in diagnostic or therapeutic procedures.

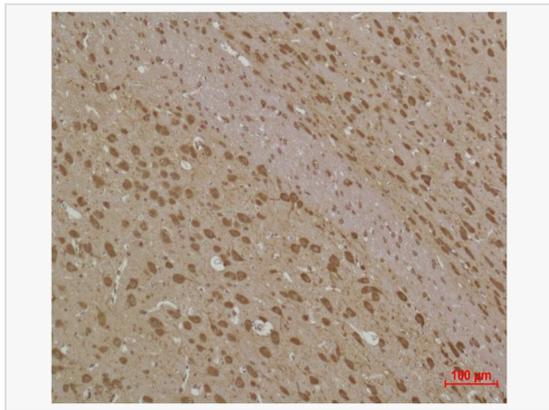
Protein Information

Synonyms	MAP1LC3B.
Calculated MW	Calculated MW: 15 kDa; Observed MW: 14,16 kDa
Uniprot ID	Q9GZQ8
Gene ID	81631
Background	Ubiquitin-like modifier involved in formation of autophagosomal vacuoles (autophagosomes). Plays a role in mitophagy which contributes to regulate mitochondrial quantity and quality by eliminating the mitochondria to a basal level to fulfill cellular energy requirements and preventing excess ROS production.

Validation Images



Western blot analysis of LC3B in Hela, 3T3, rat Brain lysates using LC3B antibody.



Immunohistochemistry analysis of paraffin-embedded rat Brain Tissue using LC3B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.