

LC3A/B Polyclonal Antibody

Catalog No. E-AB-70053

Note: Centrifuge before opening to ensure complete recovery of vial contents.

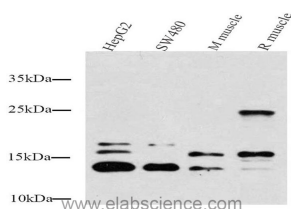
Description

Reactivity	Human, Mouse, Rat
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse LC3B
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Buffer	PBS with 0.02% sodium azide, 1% BSA and 50% glycerol, pH7.4

Applications Recommended Dilution

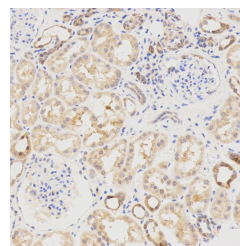
WB 1:1000-1:2000,
IHC 1:300-1:800

Data

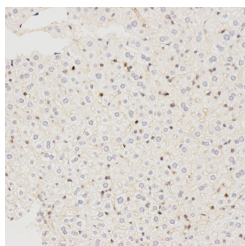


Western Blot analysis of various kidney using LC3A/B Polyclonal Antibody at dilution of 1:1000.

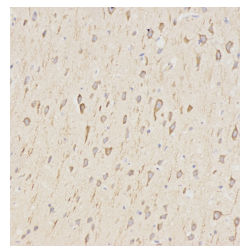
Observed Mw:14/16kDa
Calculated Mw:14/16kDa



Immunohistochemistry analysis of paraffin-embedded Human spleen using LC3A/B Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded mouse liver using LC3A/B Polyclonal Antibody at dilution of 1:500.



Immunohistochemistry analysis of paraffin-embedded rat brain using LC3A/B Polyclonal Antibody at dilution of 1:500.

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

For Research Use Only

Background

The product of this gene is a subunit of neuronal microtubule-associated MAP1A and MAP1B proteins, which are involved in microtubule assembly and important for neurogenesis. Studies on the rat homolog implicate a role for this gene in autophagy, a process that involves the bulk degradation of cytoplasmic component.