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Product datasheet for TA351347

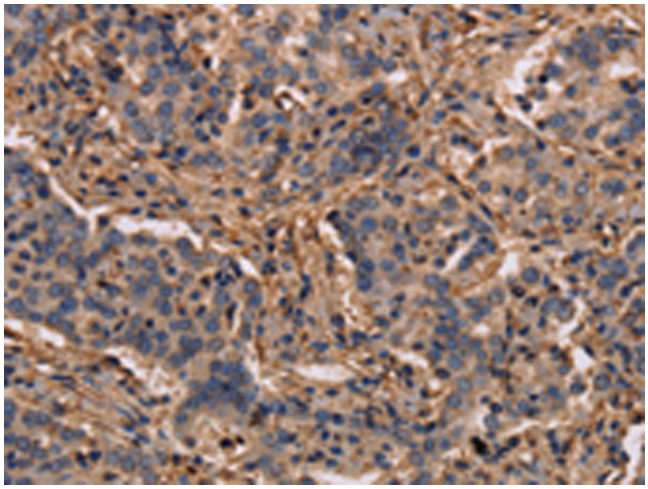
LC3C (MAP1LC3C) Rabbit Polyclonal Antibody

Product data:

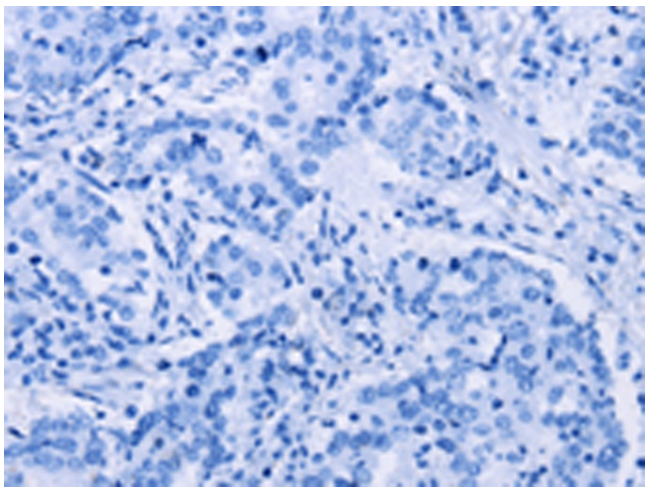
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MAP1LC3C
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	microtubule associated protein 1 light chain 3 gamma
Database Link:	NP_001004343 Entrez Gene 440738 Human Q9BXW4
Background:	Autophagy is a highly regulated bulk degradation process that plays an important role in cellular maintenance and development. MAP1LC3C is an ortholog of the yeast autophagosome protein Atg8. Ubiquitin-like modifier that plays a crucial role in antibacterial autophagy (xenophagy) through the selective binding of CALCOCO2. Recruites all ATG8 family members to infecting bacteria such as S.Typhimurium.
Synonyms:	ATG8J; LC3C

View online »

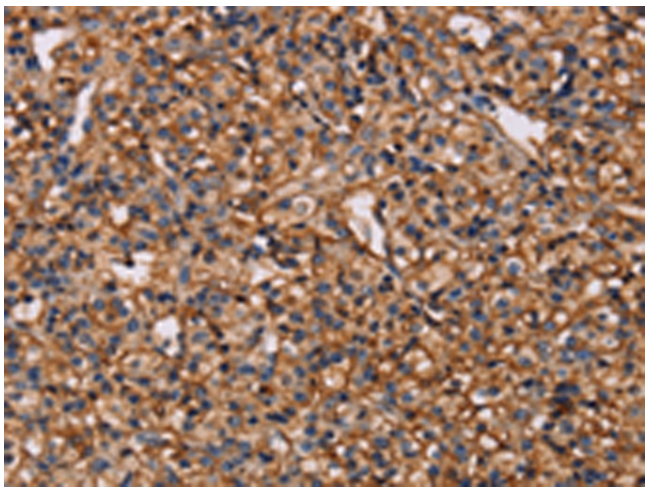
Product images:



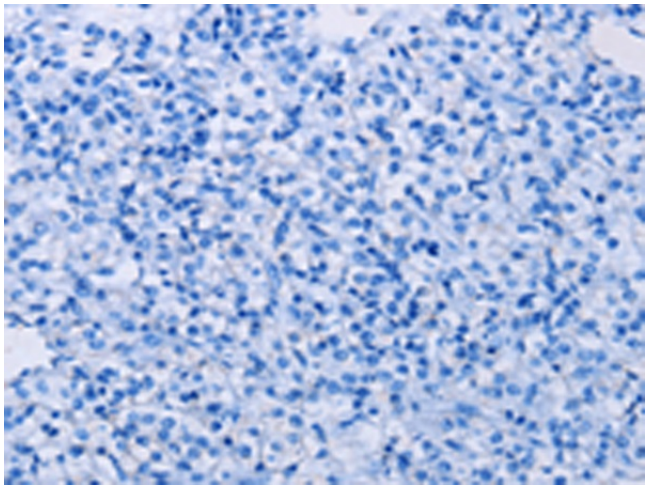
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351347 (MAP1LC3C Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA351347 (MAP1LC3C Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351347 (MAP1LC3C Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using TA351347 (MAP1LC3C Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)