

LC3 Ab

Cat.#: AF4007	Concn.: 1mg/ml	Mol.Wt.: 19kd
Size: 50ul,100ul,200ul	Source: Rabbit	Clonality: Polyclonal

Application: WB 1:1000-1:5000

Reactivity: Human,Mouse,Rat

Purification: The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Specificity: The Ab detects endogenous level of total LC3 protein.

Immunogen: Peptide sequence around aa. 112-116 (V-Y-A-S-Q) derived from Human LC3.

Uniprot: Q9H492

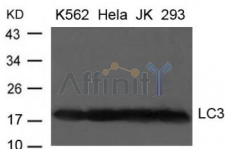
Description: Probably involved in formation of autophagosomal vacuoles (autophagosomes).

Subcellular Location: Cytoplasm > cytoskeleton. Endomembrane system. Cytoplasmic vesicle > autophagosome membrane. LC3-II binds to the autophagic membranes.

Tissue Specificity: Most abundant in heart, brain, liver, skeletal muscle and testis but absent in thymus and peripheral blood leukocytes.

Similarity: Belongs to the ATG8 family.

Storage Condition and Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt.



Western blot analysis of extract from K-562, HeLa, JK and 293 cells using LC3 Ab

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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