



Anti-MAP1LC3A (aa 1-102) polyclonal antibody (DPAB-DC3483)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	MAP1A and MAP1B are microtubule-associated proteins which mediate the physical interactions between microtubules and components of the cytoskeleton. MAP1A and MAP1B each consist of a heavy chain subunit and multiple light chain subunits. The protein encoded by this gene is one of the light chain subunits and can associate with either MAP1A or MAP1B. Two transcript variants encoding different isoforms have been found for this gene. The expression of variant 1 is suppressed in many tumor cell lines, suggesting that may be involved in carcinogenesis.
Immunogen	MAP1LC3A (NP_115903, 1 a.a. ~ 102 a.a) partial recombinant protein with GST tag. The sequence is MPSDRPFKQRRSFADRCKEVQQIRDQHPSKIPVIERYKGKQLPVLDKTKFLVPDHVNM SELVKIIRRLQLNPTQAFFLLVNQHSMSVSVSTPIADIYEQE
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	MAP1LC3A microtubule-associated protein 1 light chain 3 alpha [Homo sapiens (human)]
Official Symbol	MAP1LC3A
Synonyms	MAP1LC3A; microtubule-associated protein 1 light chain 3 alpha; LC3; LC3A; ATG8E; MAP1ALC3; MAP1BLC3; microtubule-associated proteins 1A/1B light chain 3A; MAP1A/MAP1B LC3 A; MAP1A/1B light chain 3 A; MAP1A/MAP1B light chain 3 A; MAP1 light chain 3-like protein 1; autophagy-related ubiquitin-like modifier LC3 A; microtubule-associated proteins 1A/1B light chain 3;
Entrez Gene ID	84557
Protein Refseq	NP_115903
UniProt ID	Q9H492
Chromosome Location	20q11.22
Pathway	Senescence and Autophagy;
Function	GABA receptor binding; microtubule binding; phosphatidylethanolamine binding; phospholipid binding