

兔抗 ATG2A 多克隆抗体

中文名称：兔抗 ATG2A 多克隆抗体

英文名称：Anti-ATG2A rabbit polyclonal antibody

别名：autophagy related 2A;

相关类别：一抗

抗原：ATG2A

储存：冷冻（-20℃）

宿主：Rabbit

反应种属：Human, Mouse

标记物：Unconjugate

克隆类型：rabbit polyclonal

技术规格

Background:

Atg2A (TG2 autophagy related 2 homolog A) is a 1,938 amino acid protein that belongs to the ATG2 family and may play a role in vesicle assembly. Encoded by a gene that maps to human chromosome 11q13.1, Atg2A is conserved in chimpanzee, dog, cow, mouse and rat, and exists as four alternatively spliced isoforms. Undetected in adult tissues, including heart, brain, placenta, lung, liver and skeletal muscle, Atg2A regulation may act as a distinct indicator of autophagic programmed cell death. Atg2A is upregulated in both etoposide- and doxorubicin-induced apoptosis of HeLa cells, suggesting that Atg2A functions as a novel biomarker of topoisomerase II inhibitor-mediated apoptosis. Atg2A ass

	ociates with Atg2B, indicating that these two related p roteins also functionally interact. Atg2A frameshift mut ations are linked to gastric and colorectal carcinomas with high microsatellite instability and may contribute t o cancer development by deregulating the autophagy process. Required for both autophagosome formation and regulation of lipid droplet morphology and disper sion.
Applications:	ELISA, IHC
Name of antibody:	ATG2A
Immunogen:	Synthetic peptide of human ATG2A
Full name:	autophagy related 2A
SwissProt:	Q2TAZ0
ELISA Recommended dilution:	5000-10000
IHC positive control:	Human gastric cancer
IHC Recommend dilution:	20-100

