ATG3 rabbit pAb

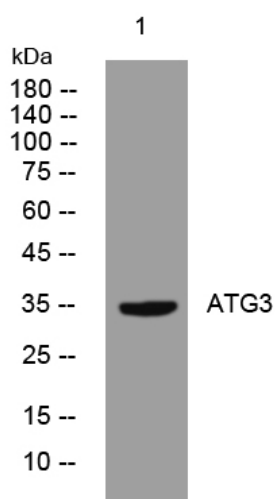|	
Catalog No	YP-Ab-11320
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	ATG3 APG3 APG3L
Protein Name	ATG3
Immunogen	Synthesized peptide derived from human ATG3 AA range: 28-78
Specificity	This antibody detects endogenous levels of ATG3 at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm .
Tissue Specificity	Widely expressed, with a highest expression in heart, skeletal muscle, kidney, liver and placenta.
Function	function:GABARAPL1 (GABARAPL2 or GABARAP or MAP1LC3)-modifier protein conjugating enzyme involved in its E2-like covalent binding to PE. ATG7 (E1-like enzyme) facilitates this reaction by forming an E1-E2 complex with ATG3 (E2-like enzyme). Preferred substrate is MAP1LC3A. Formation of the GABARAPL1-PE conjugate is essential for autophagy.,similarity:Belongs to the ATG3 family.,subunit:Interacts with ATG7 and ATG12. The complex, composed of ATG3 and ATG7, plays a role in the conjugation of ATG12 to ATG5.,tissue specificity:Widely expressed, with a highest expression in heart, skeletal muscle, kidney, liver and placenta.,
Background	This gene encodes a ubiquitin-like-conjugating enzyme and is a component of ubiquitination-like systems involved in autophagy, the process of degradation, turnover and recycling of cytoplasmic constituents in eukaryotic cells. This protein is known to play a role in regulation of autophagy during cell death. A pseudogene of this gene is located on chromosome 20. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013],

matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of lysates from HEK293 cells, primary antibody was diluted at 1:1000, 4°over night