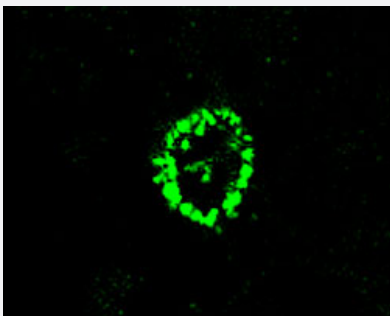


ATG12 polyclonal antibody

Catalog # PAB0713 Size 100 uL

Applications



Immunofluorescence

Confocal microscopy on stained ATG12 using rabbit ATG12 polyclonal antibody (Cat # PAB0713) in paraffin embedded human brain section (midfrontal cortex , Alzheimer case) .

Specification

Product Description Rabbit polyclonal antibody raised against synthetic peptide of ATG12.

Immunogen A synthetic peptide corresponding to N-terminus of human ATG12.

Host Rabbit

Reactivity Human, Rat

Form Lyophilized

Recommend Usage
Immunohistochemistry (1:200-1:1000)
Immunofluorescence (1:200-1:1000)
Western Blot (1:200-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer Lyophilized from PBS

Storage Instruction
Store at 4°C on dry atmosphere.
After reconstitution with deionized water, store at -20°C or lower.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry
- Immunofluorescence

Confocal microscopy on stained ATG12 using rabbit ATG12 polyclonal antibody (Cat # PAB0713) in paraffin embedded human brain section (midfrontal cortex , Alzheimer case) .

Gene Info — ATG12

Entrez GeneID	9140
Protein Accession#	O94817
Gene Name	ATG12
Gene Alias	APG12, APG12L, FBR93, HAPG12
Gene Description	ATG12 autophagy related 12 homolog (S. cerevisiae)
Omim ID	609608
Gene Ontology	Hyperlink
Gene Summary	Autophagy is a process of bulk protein degradation in which cytoplasmic components, including organelles, are enclosed in double-membrane structures called autophagosomes and delivered to lysosomes or vacuoles for degradation. ATG12 is the human homolog of a yeast protein involved in autophagy (Mizushima et al., 1998 [PubMed 9852036]).[supplied by OMIM]
Other Designations	APG12 autophagy 12-like Apg12 (autophagy, yeast) homolog

Pathway

- [Regulation of autophagy](#)

Disease

- [Adenocarcinoma](#)

- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)