

ATG101 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP57778**Specification**

ATG101 Polyclonal Antibody - Product Information

Application	IHC-P
Primary Accession	Q9BSB4
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25003

ATG101 Polyclonal Antibody - Additional Information**Gene ID** 60673**Other Names**

Autophagy-related protein 101, ATG101, C12orf44

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

ATG101 Polyclonal Antibody - Protein Information**Name** ATG101**Synonyms** C12orf44**Function**

Autophagy factor required for autophagosome formation. Stabilizes ATG13, protecting it from proteasomal degradation.

Cellular Location

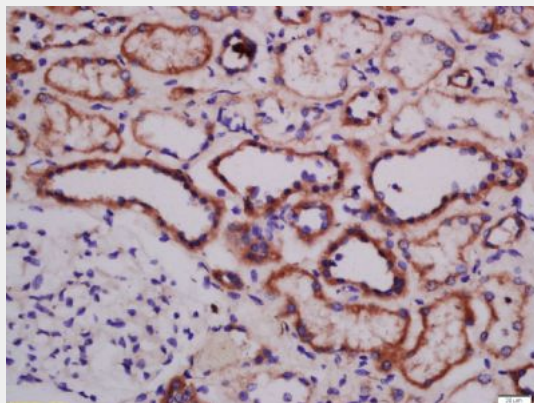
Cytoplasm. Preautophagosomal structure. Note=Under starvation conditions, it is localized to punctate structures primarily representing the isolation membrane; the isolation membrane sequesters a portion of the cytoplasm resulting in autophagosome formation

ATG101 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ATG101 Polyclonal Antibody - Images



Tissue/cell: human kidney tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-ATG101 Polyclonal Antibody, Unconjugated(bs-20220R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining