

Product no **AS19 4276****Anti-ATG5 | Autophagy protein 5****Product information**

<b>Immunogen</b>	Full-length, recombinant ATG5 of <i>Arabidopsis thaliana</i> protein sequence UniProt: <a href="#">Q9FFI2-1</a> , TAIR: <a href="#">At5g17290</a> , overexpressed in <i>E.coli</i>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 µl, of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C (short term, months) or at -80°C (long term, years) ; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

**Application information**

<b>Recommended dilution</b>	1 : 3000 (WB)
<b>Expected   apparent MW</b>	38.5   50 kDa (in wild type plants) and ca. 38 kDa in autophagy defective mutants
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	In wild-type plants almost all ATG5 is conjugated to ATG12. This item can be sold containing ProClin
<b>Selected references</b>	<a href="#">Thompson</a> et al. (2005). Autophagic nutrient recycling in Arabidopsis directed by the ATG8 and ATG12 conjugation pathways. Plant Physiol. 2005 Aug;138(4):2097-110.