

Product no **AS19 4278****Anti-ATG12b | Autophagy-related protein 12b****Product information**

<b>Immunogen</b>	Recombinant, full-length ATG12b of <i>Arabidopsis thaliana</i> protein sequence UniProt: <a href="#">Q9LVK3-1</a> , TAIR: <a href="#">At3g13970</a>
<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>	10.4   12 and 50 kDa in wild type plants and 12 kDa in some autophagy-deficient mutants
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Additional information</b>	This antibody may also recognise ATG12a; in wild-type, ATG12 is also conjugated to ATG5
<b>Selected references</b>	<a href="#">Chung</a> et al. (2010). ATG8 lipidation and ATG8-mediated autophagy in Arabidopsis require ATG12 expressed from the differentially controlled ATG12A AND ATG12B loci. Plant J. 2010 May;62(3):483-93. doi: 10.1111/j.1365-313X.2010.04166.x.