

Product no **AS19 4274****Anti-ATG1a | Serine/threonine-protein kinase ATG1a****Product information**

<b>Immunogen</b>	Full-length, N-terminally HIS-tagged ATG1a of <i>Arabidopsis thaliana</i> protein sequence UniProt: <a href="#">Q94C95</a> , TAIR: <a href="#">At3g61960</a> , overexpressed in <i>E.coli</i> and injected as a gel piece
<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 : 1000 (WB)
<b>Expected   apparent MW</b>	69.6   70 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Noccaea caerulea</i>
	Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Oryza sativa</i>
<b>Additional information</b>	Antibody may also recognise ATG1b and ATG1c; does not recognise ATG1t, <a href="#">Suttangkakul et al. (2011)</a> .
<b>Selected references</b>	<a href="#">Suttangkakul et al. (2011)</a> . The ATG1/ATG13 protein kinase complex is both a regulator and a target of autophagic recycling in Arabidopsis. Plant Cell. 2011 Oct;23(10):3761-79. doi: 10.1105/tpc.111.090993.