

Product no **AS19 4279****ATG13a | Autophagy-related protein 13a****Product information**

<b>Immunogen</b>	Full length, recombinant ATG13a of <i>Arabidopsis thaliana</i> protein sequence UniProt: <a href="#">F4IXZ6</a> , TAIR: <a href="#">At3g49590</a> with N-terminal HIS-tag.
<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>	68,4   70-80 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Noccaea caerulescens</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 ATG13b; multiple bands observed due to phosphorylation
<b>Selected references</b>	<a href="#">Suttangkakul</a> et al. (2011). 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.