

Product no **AS19 4277****ATG7 | Autophagy-related protein 7****Product information**

<b>Immunogen</b>	Recombinant ATG7 of <i>Arabidopsis thaliana</i> , UniProt: <a href="#">Q94CD5-1</a> , TAIR: <a href="#">At5g45900</a> , overexpressed in <i>E.coli</i> , collected in inclusion bodies, which were solubilized before immunization
<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.

**Additional information** | Protein name was changed from APG7 to ATG7 after [Doelling](#) paper was published.

**Application information**

<b>Recommended dilution</b>	1 : 3000 (WB)
<b>Expected   apparent MW</b>	76,5   75 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Brassica rapa</i> , <i>Capsella rubella</i> , <i>Citrus clementina</i> , <i>Noccaea caerulescens</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<a href="#">Doelling</a> et al. (2002). The APG8/12-activating enzyme APG7 is required for proper nutrient recycling and senescence in <i>Arabidopsis thaliana</i> . J Biol Chem. 2002 Sep 6;277(36):33105-14.