

Product no **AS19 4259****Anti-PAG1 | 20S Proteasome alpha subunit G1****Product information**

<b>Immunogen</b>	Recombinant, full-length PAG1 of <i>Arabidopsis thaliana</i> , UniProt: <a href="#">O23715-1</a> , TAIR: <a href="#">At2g27020</a> overexpressed in <i>E.coli</i> , purified from 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 : 5000 (WB)
<b>Expected   apparent MW</b>	27.4   26 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	No confirmed exceptions from predicted reactivity are currently known
<b>Selected references</b>	<p><a href="#">Pang et al. (2025)</a>. The adaptor protein AP-3 disassembles heat-induced stress granules via 19S regulatory particle in <i>Arabidopsis</i>. <i>Nat Commun.</i> 2025 Feb 27;16(1):2039. doi: 10.1038/s41467-025-57306-7.</p> <p><a href="#">Xie et al. (2024)</a>. Proteasome resides in and dismantles plant heat stress granules constitutively. <i>Mol Cell.</i> 2024 Sep 5;84(17):3320-3335.e7. doi: 10.1016/j.molcel.2024.07.033.</p> <p><a href="#">Book et al. (2010)</a>. Affinity purification of the <i>Arabidopsis</i> 26 S proteasome reveals a diverse array of plant proteolytic complexes. <i>J Biol Chem.</i> 2010 Aug 13;285(33):25554-69. doi: 10.1074/jbc.M110.136622.</p>