

Product no **AS19 4260****PBA1 | 20S proteasome beta subunit A1****Product information**

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| <b>Immunogen</b>      | Full length, soluble PBA1 of <i>Arabidopsis thaliana</i> , UniProt: <a href="#">F4JRY2-1</a> , TAIR: <a href="#">At4g31300</a> , overexpressed in <i>E.coli</i>  |
| <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**

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| <b>Recommended dilution</b>   | 1 : 3000 (WB)  |
| <b>Expected   apparent MW</b> | 25,3   24 kDa  |
| <b>Confirmed reactivity</b>   | <i>Arabidopsis thaliana</i> , <i>Zea mays</i>  |
| <b>Predicted reactivity</b>   | <i>Actinidia chinensis</i> var. <i>chinensis</i> , <i>Amborella trichopoda</i> , <i>Ananas comosus</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> subsp. <i>pekinensis</i> , <i>Capsella rubella</i> , <i>Capsicum baccatum</i> , <i>Cephalotus follicularis</i> , <i>Citrus sinensis</i> , <i>Coffea canephora</i> , <i>Corchorus olitorius</i> , <i>Cuscuta australis</i> , <i>Daucus carota</i> subsp. <i>sativus</i> , <i>Erythranthe guttata</i> , <i>Eucalyptus grandis</i> , <i>Eutrema salsugineum</i> , <i>Fagus sylvatica</i> , <i>Gossypium hirsutum</i> , <i>Handroanthus impetiginosus</i> , <i>Jatropha curcas</i> , <i>Juglans regia</i> , <i>Manihot esculenta</i> , <i>Nelumbo nucifera</i> , <i>Nicotiana attenuata</i> , <i>Nicotiana tabacum</i> , <i>Noccaea caerulea</i> , <i>Populus trichocarpa</i> , <i>Prunus persica</i> , <i>Phoenix dactylifera</i> , <i>Rhizophora mucronata</i> , <i>Rosa chinensis</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Spinacia oleracea</i> , <i>Solanum tuberosum</i> , <i>Theobroma cacao</i> , <i>Trema orientale</i> , <i>Vitis vinifera</i><br>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="#">Boussardon</a> , Bag, Juvany, et al. (2022) The RPN12a proteasome subunit is essential for the multiple hormonal homeostasis controlling the progression of leaf senescence. <i>Commun Biol.</i> 2022;5(1):1043. Published 2022 Sep 30. doi:10.1038/s42003-022-03998-2<br><a href="#">Smalle</a> et al. (2002). Cytokinin growth responses in Arabidopsis involve the 26S proteasome subunit RPN12. <i>Plant Cell</i> 14, 17-32.   |