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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS19 4260

Anti-PBA1 | 20S proteasome beta subunit A1

Product information

Immunogen	Full-length, soluble PBA1 of *Arabidopsis thaliana,* UniProt: F4JRY2-1, TAIR: At4g31300, overexpressed in *E.coli*
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C (short tem, 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

Recommended dilution	1 : 3000 (WB)
Expected | apparent MW	25.3 | 24 kDa
Confirmed reactivity	*Arabidopsis thaliana, Zea mays*
Predicted reactivity	*Actinidia chinensis var. chinensis, Amborella trichopoda, Ananas comosus, Brassica napus, Brassica rapa subsp. pekinensis, Capsella rubella, Capsicum baccatum, Cephalotus follicularis, Citrus sinensis, Coffea canephora, Corchorus olitorius, Cuscuta australis, Daucus carota subsp. sativus, Erythranthe guttata, Eucalyptus grandis, Eutrema salsugineum, Fagus sylvatica, Gossypium hirsutum, Handroanthus impetiginosus, Jatropha curcas, Juglans regia, Manihot esculenta, Nelumbo nucifera, Nicotiana attenuata, Nicotiana tabacum, Noccaea caerulescens, Populus trichocarpa, Prunus persica, Phoenix dactylifera, Rhizophora mucronata, Rosa chinensis, Solanum lycopersicum, Solanum tuberosum, Spinacia oleracea, Solanum tuberosum, Theobroma cacao, Trema orientale, Vitis vinifera* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Mu et al. (2024). Plastid HSP90C C-terminal extension region plays a regulatory role in chaperone activity and client binding.Plant J. 2024 Jul 5.doi: 10.1111/tpj.16917. Boussardon, Bag, Juvany, et al. (2022) The RPN12a proteasome subunit is essential for the multiple hormonal homeostasis controlling the progression of leaf senescence. Commun Biol. 2022;5(1):1043. Published 2022 Sep 30. doi:10.1038/s42003-022-03998-2 Smalle et al. (2002). Cytokinin growth responses in Arabidopsis involve the 26S proteasome subunit RPN12. Plant Cell 14, 17-32.