

Product no **AS19 4261****Anti-PBF1 | 20S proteasome beta subunit F-1****Product information**

Immunogen	Full-length, recombinant PBF1 of <i>Arabidopsis thaliana</i> , UniProt: P42742-1 , TAIR: At3g60820 , overexpressed in <i>E.coli</i>
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 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

Recommended dilution	1 : 3000 (WB)
Expected apparent MW	24.6 23 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Actinidia chinensis, Brassica napus, Brassica oleracea, Cajanus cajan, Capsella rubella, Capsicum annuum, Cicer arietinum, Citrus clementina, Citrus sinensis, Corchorus capsularis, Cucumis melo, Cucumis sativus, Daucus carota, Eucalyptus grandis, Erythranthe guttata, Glycine max, Gossypium raimondii, Helianthus annuus, Lactuca sativa, Jatropha curcas, Juglans regia, Manihot esculenta, Medicago truncatula, Morus notabilis, Nelumbo nucifera, Nicotiana tabacum, Phoenix dactylifera, Physcomitrium patens, Populus trichocarpa, Prunus persica, Ricinus communis, Rosa chinensis, Solanum lycopersicum, Solanum tuberosum, Spinacia oleracea, Theobroma cacao, Vigna radiata, Vitis vinifera</i> Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Pang et al. (2025) . 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. Smalle et al. (2002) . Cytokinin growth responses in <i>Arabidopsis</i> involve the 26S proteasome subunit RPN12. <i>Plant Cell</i> 14, 17-32.