

Product no **AS08 326****Sar1 | Secretion-associated and Ras-related protein 1****Product information**

<b>Immunogen</b>	GST fusion of full length recombinant Sar1 of <i>Arabidopsis thaliana</i> UniProt: <a href="#">Q8VYPZ</a> , TAIR: <a href="#">At3g62560</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	100 µl
<b>Reconstitution</b>	For reconstitution add 100 µl of sterile water
<b>Storage</b>	Store lyophilized/reconstituted at -20°C; 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.
<b>Additional information</b>	For immunogold experiments plant tissue has been fixed with GA in PFA/PIPES. LR White resin has been used. Tested species were: <i>Triticum aestivum</i> , <i>Panicum miliaceum</i> , <i>Panicum maximum</i> , <i>Echinochloa crus-galli</i> , <i>Eragrostis neomexicana</i> , <i>Digitaria sanguinalis</i> . Publication in preparation.

**Application information**

<b>Recommended dilution</b>	1 : 50 (IG), 1 : 500 (WB)
<b>Expected   apparent MW</b>	21 kDa ( <i>Arabidopsis thaliana</i> )
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> , <i>Echinochloa crus-galli</i> , <i>Eragrostis neomexicana</i> , <i>Digitaria sanguinalis</i> , <i>Pteris vittata</i> (fern), <i>Panicum miliaceum</i> , <i>Panicum maximum</i> , <i>Petunia hybrida</i> , <i>Triticum aestivum</i> , <i>Zea mays</i>
<b>Predicted reactivity</b>	<i>Brachypodium distachyon</i> , <i>Brassica campestris</i> , <i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Capsella rubella</i> , <i>Citrus clementina</i> , <i>Glycine max</i> , <i>Hordeum vulgare</i> , <i>Medicago truncatula</i> , <i>Oryza sativa</i> , <i>Populus trichocarpa</i> , <i>Ricinus communis</i> , <i>Solanum lycopersicum</i> , <i>Solanum tuberosum</i> , <i>Sorghum bicolor</i> , <i>Theobroma cacao</i> , <i>Triticum aestivum</i> , <i>Vitis vinifera</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	<i>Nicotiana tabacum</i>
<b>Additional information</b>	<b>Immunolocalization method with Sar1 antibodies is described in:</b> <a href="#">Yao-dong Yang</a> (2005). Dynamics of COPII vesicles and the Golgi apparatus in cultured <i>Nicotiana tabacum</i> BY-2 cells provides evidence for transient association of Golgi stacks with endoplasmic reticulum exit sites. <i>Plant Cell</i> . 2005 May;17(5):1513-31. Epub 2005 Apr 1.
<b>Selected references</b>	<a href="#">Shen</a> et al. (2014). The fronds tonoplast quantitative proteomic analysis in arsenic hyperaccumulator <i>Pteris vittata</i> L. <i>J Proteomics</i> . 2014 Feb 4. pii: S1874-3919(14)00047-5. doi: 10.1016/j.jprot.2014.01.029. <a href="#">Liu</a> et al. (2014). SCFSLF-mediated cytosolic degradation of S-RNase is required for cross-pollen compatibility in S-RNase-based self-incompatibility in <i>Petunia hybrida</i> . <i>Front. Genet.</i> , 22 July 2014   doi: 10.3389/fgene.2014.00228