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Product no AS08 326

Sar1 | Secretion-associated and Ras-related protein 1

Product information

Immunogen	GST fusion of full length recombinant Sar1 of *Arabidopsis thaliana* UniProt: Q8VYP7, TAIR: At3g62560
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	100 µl
Reconstitution	For reconstitution add 100 µl of sterile water
Storage	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.
Additional information	For immunogold experiments plant tissue has been fixed with GA in PFA/PIPES. LR White resin has been used. Tested species were: *Triticum aestivum, Panicum miliaceum, Panicum maximum, Echinochloa crus-galli Eragrostis neomexicana, Digitaria sanguinalis*. Publication in preparation.

Application information

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