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

Product no AS20 4401

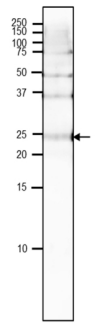
Anti-VPS29 | Vacuolar protein sorting-associated protein 29

Product information

Immunogen	Recombinant, His6 tagged VPS35b of *Arabidopsis thaliana* UniProt: Q9STT2, TAIR: At3g47810
Host	Rabbit
Clonality	Polyclonal
Purity	Total IgG. Protein A purified in PBS, 50% glycerol. Filter sterilized.
Format	Liquid at 2 mg/ml.
Quantity	200 µg
Storage	Store 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.

Application information

Recommended dilution	1: 100 (IP), 1: 1000 - 1: 3000 (WB)
Expected | apparent MW	21 | 25 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Yamazaki et al. (2008). Arabidopsis VPS35, a retromer component, is required for vacuolar protein sorting and involved in plant growth and leaf senescence. Plant Cell Physiol. 2008 Feb;49(2):142-56. doi: 10.1093/pcp/pcn006. (Immunoprecipitation, Western blot, Arabidopsis thaliana) Shimada et al. (2006). et al. (2006). AtVPS29, a putative component of a retromer complex, is required for the efficient sorting of seed storage proteins. Plant Cell Physiol. 2006 Sep;47(9):1187-94. doi: 10.1093/pcp/pcj103. (Western blot, Arabidopsis thaliana)



Arabidopsis thaliana shoot apical meristem of inflorescence stems was extracted and separated on 18 % SDS-PAGE and blotted at 15V overnight to PVDF membrane in wet system. Blot was blocked with 3 % skim milk/TBS-T, 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 2000 in TBS-T for 1h/RT. The antibody solution was decanted and the blot was washed 4 times for 10 min in TBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:10 000 in for 1h/RT with agitation. The blot was washed as above and developed with a chemiluminescent detection reagent, following manufacture's recommendations.
The nature of cross-reacting bands was not investigated.