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Product no AS20 4402

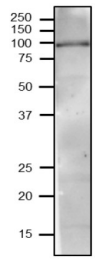
VPS35 | Vacuolar protein sorting-associated protein 35B (marker of PVC)

Product information

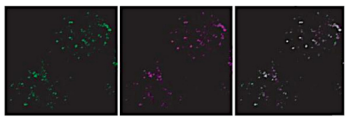
Immunogen	Recombinant, His6 tagged VPS35b of *Arabidopsis thaliana* UniProt: F4I0P8, TAIR: At1g75850
Host	Rabbit
Clonality	Polyclonal
Purity	Total IgG. Protein A purified in PBS, 50% glycerol. Filter sterilized.
Format	Liquid at 2 mg/ml.
Quantity	200 µg
Storage	Store at -20°C; once reconstituted make 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	assay dependent (ELISA), 1: 400 (IF), 1: 100 (IP), 1: 1000 (WB)
Expected | apparent MW	89 | 98 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. (Immunofluorescence, Immunoprecipitation, Western blot)



Arabidopsis thaliana 19 day-old seedlings were extracted to a crude extract and separated on 12.5 % SDS-PAGE and blotted 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.



Immunofluorescent localisation of VPS35.
Tobacco NY-2 cells were transnformed with Arabidopsis thaliana VPS35 (left panel), PEP12 (middle panel, which is a PVC marker)

Method described in details in: Yamazaki et al. (2008).