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Product no AS13 2633

VPS29 | Vacuolar protein sorting 29

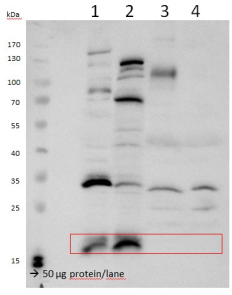
Product information

Immunogen	Recombinant VPS29 from *Arabidopsis thaliana* UniProt: Q9STT2, TAIR: At3g47810
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; 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 : 5000 (WB)
Expected | apparent MW	20,9 kDa
Confirmed reactivity	*Arabidopsis thaliana* (protoplasts and total cell extract)
Predicted reactivity	*Glycne max, Medicago tribuloides, Oryza sativa, Populus balsamifera, Ricinus communis, Zea mays, Vitis vinifera* Species of your interest not listed? Contact us
Not reactive in	*Nicotiana tabacum*
Selected references	Munch et al. (2015). Retromer Contributes to Immunity-Associated Cell Death in Arabidopsis. Plant Cell. 2015 Feb 13. pii: tpc.114.132043.

Application example



50 µg of total protein from *Arabidopsis thaliana* suspension culture **(1)**, 50 µg of unpurified total protein from *Arabidopsis thaliana* **(2)**, 50 µg of total protein from *Nicotiana tabacum* leaf protoplasts **(3)**, 20 µl of unpurified total leaf extract from *Nicotiana tabacum* **(4)**, extracted with buffer containing 100 mM Tris (pH 7.8), 200 mM NaCl, 1 mM EDTA, 2% (v/v) beta-mercaptoethanol and 0.2% (v/v) Triton X-100, were separated on 10% SDS-PAGE and blotted 2h to nitrocellulose (semidry blot at 200 mA and RT). Blots were blocked with 5% (w/v) milk powder and 1% (w/v) BSA for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1:5 000 over night at 4°C with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG HRP conjugated) diluted to 1:10 000 in blocking solution for 45 min. at RT with agitation. The blot was washed as above and developed for 5 min with

ECL according to the manufacturer's instructions. Exposure time was 20 seconds.

Courtesy of Simone Früholz, University of Tuebingen, Germany