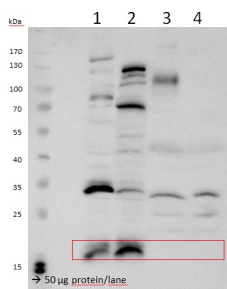


Product no **AS13 2633****Anti-VPS29 | Vacuolar protein sorting 29****Product information**

<b>Immunogen</b>	Recombinant VPS29 from <i>Arabidopsis thaliana</i> UniProt: <a href="#">Q9STT2</a> , TAIR: <a href="#">At3g47810</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 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.

**Application information**

<b>Recommended dilution</b>	1 : 5000 (WB)
<b>Expected   apparent MW</b>	20.9 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i> (protoplasts and total cell extract)
<b>Predicted reactivity</b>	<i>Glycine max</i> , <i>Medicago tribuloides</i> , <i>Oryza sativa</i> , <i>Populus balsamifera</i> , <i>Ricinus communis</i> , <i>Zea mays</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>Selected references</b>	<a href="#">Munch</a> 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 Frühholz, University of Tuebingen, Germany