Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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

Product no AS12 2619

Anti-TIP2 | Tonoplast intrinsic protein 2;1, 2;2, 2;3

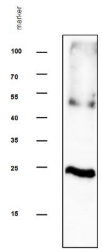
Product information

Immunogen	KLH-conjugated synthetic peptide conserved in *Arabidopsis thaliana* TIP2;1 (100 %) UniProt:Q41951, TAIR:AT3G16240, TIP2;2 (90%) UniProt: Q41975, TAIR:AT4G17340, TIP2;3 (81%) UniProt: Q9FGL2, TAIR: AT5G47450
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; 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 (IL), 1 : 1000 -1 : 2000 (WB)
Expected | apparent MW	25.6 | 24 kDa (*Arabidopsis thaliana*)
Confirmed reactivity	*Arabidopsis thaliana, Quercus suber*
Predicted reactivity	*Antirrhinum majus, Brassica oleracea, Chorispora exscapa, Gossypium mexicanum, Helianthus annuus, Medicago truncatula, Malus prunifolia, Nicotiana tabacum, Populus balsamifera subsp. trichocarpa, Raphanus sativus, Ricinus communis, Solanum nigrum , Solanum tuberosum, Vitis vinifera, Quercus petraea* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	Protein or membrane sample should be treated at 70°C for 10 min before loading on the gel

Application example



10 µg of total proteinfrom *Arabidopsis thaliana* roots (Ecotype-Columbia) were separated on 12%SDS-PAGE and blotted 1h to PVDF membrane. Blots were blocked with 5%low-fat milk powderfor 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1 000 over night 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 (0.05% Triton X.100)at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidaseconjugated from donkey diluted to 1:15 000 in for 1h at RT with agitation. The blot was washed as above and developed with chemiluminescent reagent, according to the manufacturer's instructions. Exposure time was 5 seconds.

Courtesy of Dr. Azeez Suliman Beebo, University of Gothenburg, Sweden