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Product no AS20 4420

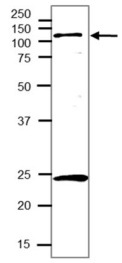
NAI2 TSA1-like protein, C-terminal

Product information

Immunogen	Purified recombinant C-terminal part of NAI2 of *Arabidopsis thaliana,* residues 636-772 with a His tag, UniProt: Q9LSB4, TAIR: At3g15950
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.
Additional information	Signal peptide of 24 amino acids is removed from the mature protein

Application information

Recommended dilution	1: 2000 - 1: 4000 (WB)
Expected | apparent MW	85 | 120 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	Yamada et al. (2008). NAI2 is an endoplasmic reticulum body component that enables ER body formation in Arabidopsis thaliana. Plant Cell . 2008 Sep;20(9):2529-40. doi: 10.1105/tpc.108.059345.



Arabidopsis thaliana 7 day seedling extract was freshly extracted with 2x SDS-sample buffer (+ 2ME) for SDS-PAGE and denatured with 4X SDS buffer at 95°C for 5 min. Sample was separated on 12.5 % SDS-PAGE and blotted at 15V overnight using wet transfer to PVDF membrane. 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 recommendation.

The nature of LMW band was not investigated.