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Product no AS12 2118

Anti-SNE18 | Rossmann-fold NAD(P)-binding domain-containing protein

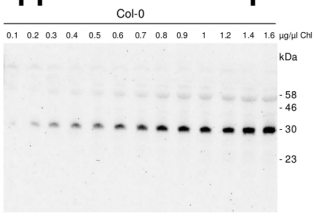
Product information

Immunogen	A part of recombinant SNE18 protein sequence, excluding membrane spanning part, UniProt: Q8GYZ0, TAIR: AT4G31530
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 : 1000 (WB)
Expected | apparent MW	35.23 | 29.17 kDa (without a transit peptide)
Confirmed reactivity	*Arabidopsis thaliana*
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	Amstutz et al. (2020). An atypical short-chain dehydrogenaseÃ¢??reductase functions in the relaxation of photoprotective qH in Arabidopsis. Nat. Plants (2020). doi.org/10.1038/s41477-020-0591-9

application example



From 0.1-1.2 µg of chlorophyll from *Arabidopsis thaliana* total leaf extract, extracted with buffer A (330 mM sorbitol, 25 mM Tricine pH 7.8, 1 mM EDTA, 10 mM KCl, 0,15 % BSA, 4 mM Na ascorbat (L-ascorbic acid), 7 mM L-cysteine) were separated on 15 % SDS-PAGE gel and blotted 1h to PVDF. Blots were blocked with 10% skimmed non fat milk for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1:1 000 over night at 4ºC with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, and 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 horse radish peroxidase conjugated, from Agrisera) diluted to 1:10 000 in TTBS for 1h 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 1-3 min.

Courtesy of Dr. Rikard Fristedt, UCLA, USA.