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Product no AS12 2105

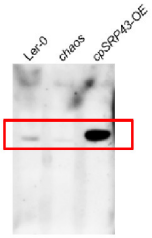
Anti-SRP43 | Signal recognition peptide 43

Product information

Immunogen	KLH-conjugated synthetic peptide derived from *Arabidopsis thaliana* SRP43,UniProt: O22265, TAIR: AT2G47450
Host	Chicken
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; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1 : 5000 (WB)
Expected | apparent MW	41.3 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Not reactive in	no confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody released in June 2023.



15 µg/well of total protein extracted freshly from rosetta leaves of *Arabidopsis thaliana* with 2X Laemmli buffer and denatured at 95 °C/5 min. Samples were separated in the cold on 12% SDS-PAGE and blotted for 1.5 h to nitrocellulose (pore size of 0.45 µm), using: wet, semi-dry transfer in the cold. Blot was blocked with 5 % milk for: 1h/RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 1000 in TBS for ON/4°C with agitation. The antibody solution was decanted, and the blot was rinsed briefly twice, then washed once for 5 min in TBS-T (1% Tween-20) and 2 times for 10 min in TBS at RT with agitation. Blot was incubated in matching secondary antibody (anti-chicken IgG horse radish peroxidase conjugated AS10 1489, Agriera) diluted to 1: 5000 in for 1.5 h/RT with agitation. The blot was washed as above and developed with a following chemiluminescent detection reagent: AS16 ECL-N-10 AgriseraBright (Agrisera). Exposure time was 1 minute.

Courtesy od dr. Peng Wang, School of Biological Sciences, The University of Hong Kong