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Product no AS14 2777

U1 snRNP protein A | U1 small nuclear ribonucleoprotein A

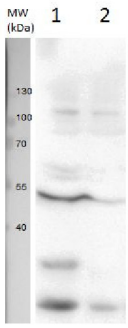
Product information

Immunogen	KLH-conjugated peptide, derived from *Arabidopsis thaliana* U1 snRNP, UniProt: Q39244 TAIR: At2g47580
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; 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 : 2000 (WB)
Expected | apparent MW	28 | 35 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Not reactive in	

Application example



Total protein from rosette leaves> 30 ug of *Arabidopsis thaliana* whole leaf extract (wild-type) **(1)**, 30 ug of *Arabidopsis thaliana* whole leaf extract (u1a) **(2)**, extracted with buffer (100mM Tris, 10% glycerol, 5mM EDTA, 5mM EGTA, 0.15M NaCl, 0.75% Triton X100, 0.05% SDS, 1mM DTT) and denatured with 0.06M Tris-HCl, 5% glycerol, 2% SDS, 4% -mercaptoethanol, 0.0025% bromophenol blue at 95 C for 5 min were separated on 14 % SDS-PAGE and blotted 1h to PVDF using semi-dry. Blots were blocked with 5% low-fat dried milk in TBS + 0,1%Tween for 1h at room temperature (RT) with agitation. Blot was incubated in the primary antibody at a dilution of 1: 2 000 for 1h at RT with agitation in 2% low-fat dried milk in TBS + 0,1%Tween. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 3 times for 10 min in TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from) diluted to 1:10 000 in 2% low-fat dried milk in TBS + 0,1%Tween for 1h at RT with agitation. The blot was washed as above and developed for 5 min with high sensitivity chemiluminescent detection reagent. Exposure time was 60 seconds.
MW markers: PageRuler Prestained (ThermoFisher).

Courtesy of Agata Stępień, Adam Mickiewicz University, Poland