

Product no **AS14 2785****PRP40B | pre-mRNA-processing protein 40B****Product information**

<b>Immunogen</b>	Recombinant <i>Arabidopsis thaliana</i> PRP40b, UniProt: <a href="#">F4JCC1</a> , TAIR: <a href="#">At3g19670</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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**

<b>Recommended dilution</b>	1 : 2000 (WB)
<b>Expected   apparent MW</b>	113 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Brassica rapa</i> Species of your interest not listed? <a href="#">Contact us</a>
<b>Not reactive in</b>	

**Application example**

Total protein from rosette leaves, 30 µg of *Arabidopsis thaliana* whole leaf extract (prp40ab) (**1**), 30 µg of *Arabidopsis thaliana* whole leaf extract (wild-type) (**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%  $\beta$ -mercaptoethanol, 0.0025% bromophenol blue at 95 C for 5 min were separated on 8 % 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 ECL of high sensitivity. Exposure time was 60 seconds.

MW markers: PageRuler Plus Prestained (ThermoFisher)

Courtesy of Agata Stępień, Adam Mickiewicz University, Poland