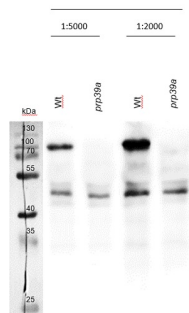


Product no **AS14 2784****PRP39a | pre-mRNA-processing factor 39****Product information**

| | |
|-----------------------|---|
| Immunogen | Recombinant, full length PRP39a of <i>Arabidopsis thaliana</i> , UniProt: F41448 , TAIR: At1g04080 |
| 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 : 2000-1 : 5 000 (WB) |
| Expected apparent MW | 91 100 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> |
| Predicted reactivity | <i>Brassica rapa</i> Species of your interest not listed? Contact us |
| Not reactive in | |
| Selected references | Chang et al. (2021) The U1 snRNP component RBP45d regulates temperature-responsive flowering in <i>Arabidopsis</i> . <i>Plant Cell</i> . 2021 Nov 13:koab273. doi: 10.1093/plcell/koab273. Epub ahead of print. PMID: 34791475. |

application example

40 µg of total protein from 14-day-old seedlings of *Arabidopsis thaliana* was extracted with extraction buffer containing: 100 mM Tris HCl, 10 % glycerol, 5 mM EGTA, 0.15 M NaCl, 0.75 % Triton X100, 0.05 % SDS, 1mM DTT, 1x Complete Mini EDTA-free protease inhibitor (Roche) were separated on 14 % SDS/PAGE using semi-dry transfer and blotted 1 h to PVDF. Blots were blocked with 5 % milk in TBS+0.1 % Tween ON at 4°C with agitation. Blot was incubated in the primary antibody at a dilution of 1: 5000 (left panel) or 1: 2000 (right panel) in TBS-T (0.1 % Tween) for 1 h at RT with agitation. Blot was incubated in secondary antibody (goat anti-chicken HRP conjugated, [AS09 602](#) Agrisera) in 1: 10 000 dilution for 1 h at RT with agitation in TBS 0.2 % Tween. The blot was washed as above and developed for 5 minutes with ECL of high sensitivity, according to manufacturer's instructions. Exposure time was 1 min.

Courtesy of M.Sc. Agata Stępień, Department of Gene Expression, Adam Mickiewicz University, Poland