

Product no **AS15 3083****Anti-ARSA | targeting of tail-anchored proteins****Product information**

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|-----------------------|---|
| <b>Immunogen</b>      | His-tagged, full length, recombinant ARSA of <i>Chlamydomonas reinhardtii</i> , overexpressed in <i>E.coli</i> , Cre24.g755097 (phytozome)  |
| <b>Host</b>           | Rabbit  |
| <b>Clonality</b>      | Polyclonal  |
| <b>Purity</b>         | Serum   |
| <b>Format</b>         | Lyophilized   |
| <b>Quantity</b>       | 50 µl   |
| <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**

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| <b>Recommended dilution</b>   | 1 : 4000 (WB)  |
| <b>Expected   apparent MW</b> | 80 kDa   |
| <b>Confirmed reactivity</b>   | <i>Chlamydomonas reinhardtii</i>   |
| <b>Not reactive in</b>        | No confirmed exceptions from predicted reactivity are currently known  |
| <b>Selected references</b>    | <a href="#">Formigheri et al. (2013)</a> . Biogenesis of photosynthetic complexes in the chloroplast of <i>Chlamydomonas reinhardtii</i> requires ARSA1, a homolog of prokaryotic arsenite transporter and eukaryotic TRC40 for guided entry of tail-anchored proteins. <i>Plant J.</i> 2013 Mar;73(5):850-61. doi: 10.1111/tpj.12077. Epub 2012 Dec 28. |