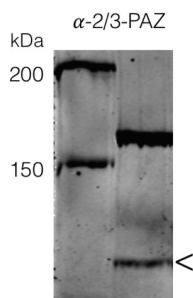


Product no **AS14 2799****AGO3-PAZ | Argonaute 3 PAZ domain (Chlamydomonas)****Product information**

Immunogen	KLH-conjugated peptide derived from C-terminal of AGO3 protein of <i>Chlamydomonas reinhardtii</i>
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: 2500 (WB)
Expected apparent MW	116,4 130 kDa
Confirmed reactivity	<i>Chlamydomonas reinhardtii</i>
Selected references	Chung et al. (2019) Distinct roles of Argonaute in the green alga <i>Chlamydomonas</i> reveal evolutionary conserved mode of miRNA-mediated gene expression. <i>Sci Rep.</i> 2019 Jul 31;9(1):11091. doi: 10.1038/s41598-019-47415-x.

Application example

Total proteins of *Chlamydomonas reinhardtii* saturated in 8M urea were separated on 15% SDS-PAGE and blotted for 1 hour to 0.2 µm nitrocellulose at 100V using wet transfer system. Blots were blocked with 0.5% cold fish gelatin for 1hr at room temp with agitation. Blot was incubated in the primary antibody (anti-AGO3) at a dilution of 1:2500 for an hour at RT with agitation. The blots were washed with 3X 15min TBS-TT at RT with agitation. Blots as incubated in the secondary antibody (anti-rabbit, DyLight® 800 conjugated, AS12 2460 Agrisera) 1:5000 dilution for 30min at RT with agitation and washed 1X with TBSTT for 15min, 1X with TBST for 15min before scanning with the ODyssey IRD scanner.

Courtesy Dr. Betty Chung, Department of Plant Sciences, University of Cambridge, UK