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Product no AS14 2797

Anti-AGO1-PAZ | Argonaute 1 PAZ domain (Chlamydomonas)

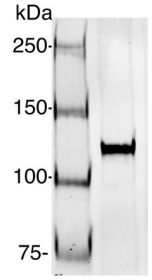
Product information

Immunogen	KLH-conjugated peptide derived from AGO1-PAZ domain of *Chlamydomonas reinhardtii* Cre02.g141050.t1.1
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: 500 (WB)
Expected | apparent MW	109 | 120 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*
Additional information	AGO1 signal is detected at higher MW most likely due to post-translational modifications)

Application example



Total proteins of *Chlamydomonas reinhardtii* protein saturated in 8M urea were separated on 15% SDS-PAGE and blotted for 1hour 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-H3) 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 (goat anti-rabbit IgG (H&L), DyLight® 800 conjugated) 1:2500 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 of Dr. Betty Chung, University of Cambridge, United Kingdom