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Product no AS14 2798

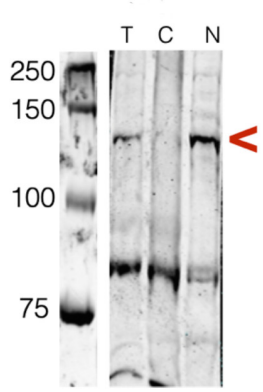
Anti-AGO1-PIWI | Argonaute 1 (C-terminal) (algal)

Product information

Immunogen	KLH-conjugated peptide derived from C-terminal of AGO1 protein of *Chlamydomonas reinhardtii* UniProt: A8J0M9
Host	Rabbit
Clonality	Polyclonal
Purity	Antigen 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 tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Application information

Recommended dilution	1: 1000 (WB)
Expected | apparent MW	116.4 | 130 kDa
Confirmed reactivity	*Chlamydomonas reinhardtii*
Selected references	To be added when available. Antibody released in April 2025.



Samples: *Chlamydomonas reinhardtii* CC1883 total protein extracted from cytoplasmic (C), total (T), and nuclear (N) fractions 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-AGO3) at a dilution of 1:2500 for an hour at RT with agitation. The blots were washed with 3X 15 minutes 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