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Product no AS21 4538

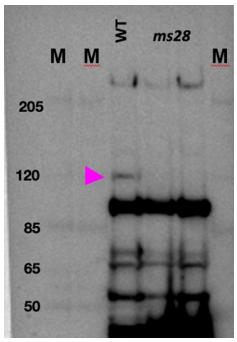
Anti-AGO5c | Argonaute 5c (Zea mays)

Product information

Immunogen	KLH-conjugated peptide derived from *Zea mays* AGO5c, UniProt: A0A1D6GFG2
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	119 kDa
Confirmed reactivity	*Zea mays*
Predicted reactivity	Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in October 2025.



Samples:
M – Marker
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1 – 68 µg *Zea mays* WT premeiotic (0.5-1mm) anthers extract (TCA/acetone precipitation)
2 – 30 µg *Zea mays* ms28 premeiotic anthers (TCA/acetone precipitation)
3– 6 8 µg *Zea mays* ms28 premeiotic anthers (TCA/acetone precipitation)
M – Marker

Extracted amples were separated at RT using Tris-Acetate 3-8% NuPage LDS-PAGE gel, then blotted to PVDF membrane (0.45 µm pore size) using wet transfer O/N in the cold. The day after, blot was stained with Ponceau and dried down. Blot was blocked with 5% milk in TBS-T O/N at 4ºC with agitation followed by the incubation with the primary antibody at a dilution of 1:500 with 2% milk in 5mL TBS-T for 1 hr at RT with agitation. Blot was washed with TBS-T 3x at RT with agitation (5 min per wash). Blot was incubated in matching secondary antibody (Goat anti-rabbit IgG (H&L), HRP conjugated, AS09 602, Agrisera) diluted to 1:25 000 in 2% milk in TBS-T for 1 hr at RT with agitation and followed with washes with TBS-T 3x at RT with agitation (5 min per wash), then developed with the Agrisera ECL Bright and SuperBright reagents. Exposure time was 3 minutes.

Target protein band identity was confirmed by IP-MS analysis.

Courtesy Dr. María Ximena Anleu Gil, Meyers Lab | UC Davis Genome Center, USA