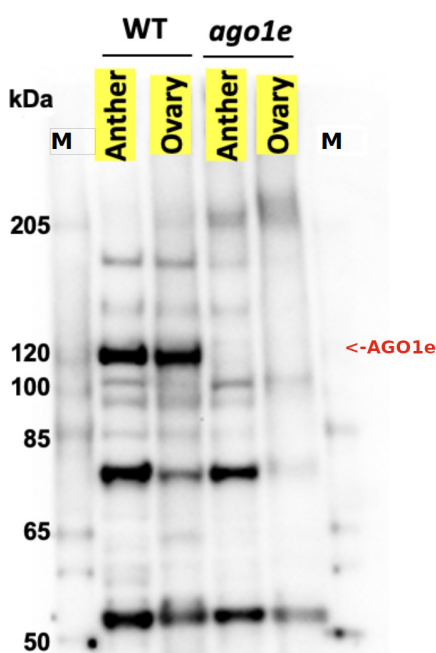


Product no **AS21 4534****Anti-AGO1e | Argonaute 1e (Zea mays)****Product information**

Immunogen	KLH-conjugated peptide derived from <i>Zea mays</i> AGO1e, UniProt: A0A1D6FWE3
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	121.5 122 kDa
Confirmed reactivity	<i>Zea mays</i>
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 November 2025.



Samples:
M— Marker Wild type (WT)

- 1 – 35 ug of *Zea mays* premeiotic anthers extract
- 2 – - 35 ug of *Zea mays* unpollinated ovaries extract *ago1e* mutant
- 3 – 36 ug of *Zea mays* premeiotic anthers extract
- 4 - - 35 ug of *Zea mays* unpollinated ovaries extract
- M – Marker

Total protein extracted from *Zea mays* premeiotic anthers. Samples were separated at RT using Tris-Acetate 3-8% NuPage LDS-PAGE gels, then blotted to PVDF membrane (0.45um pore size) using wet transfer O/N in the cold. Blot was stained with Ponceau and dried down. Blot was blocked with 5% milk in TBS-T for 1 hour at RT with agitation. Blot was incubated in the primary antibody at a dilution of 1:500 with 2% milk in 5mL TBS-T O/N in the cold 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. The blot was washed 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 30 seconds.

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