Agrisera
Part of Olink® Group

contact: support@agrisera.com

Product no AS13 2651

Anti-FtsZ2 | Plant cell division protein ftsZ2

Product information

Immunogen	Recombinant part of *Arabidopsis thalina* FtsZ2 conserved in FtsZ2-1 UniProt: O82533, TAIR: At2g36250, FtsZ2-2 UniProt: Q9LXJ0, TAIR: AT3G52750
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
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.
Additional information	Antibody available in 3 various pack sizes: 50, 100 and 150 µl - please, inquire

Application information

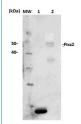|	
Recommended dilution	1 : 2000 (WB)
Expected | apparent MW	50.7 kDa
Confirmed reactivity	*Arabidopsis thaliana, Hordeum vulgare*
Predicted reactivity	*Glycne max, Jatropha manihot, Ricinus communis*
	Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

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Application example

2 µg of recombinant FtsZ2 fragment(~10 kDa) **(1)** and total protein extracted with PEB AS08 300 from leaf tissue *Arabidopsis thaliana* **(2)** were separated on 4-12% NuPage (Invitrogen) LDS-PAGE and blotted 1h to PVDF. Filters were blocked 1h with 2% low-fat milk powder in TBS-T (0.1% TWEEN 20) and probed with FtsZ2 antibody (AS13 2651, 1:2000, 1h) and secondary anti-rabbit (1:25 000, 1 h) antibody (HRP conjugated, secondary antibody AS09 602 in TBS-T containing 2% low fat milk powder. Antibody incubations were followed by washings in TBS-T (15, +5, +5, +5 min). All steps were performed at RT with agitation. The signal was developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was 2 min.