Agrisera
Part of Olink® Group

This product is **for research use only** (not for diagnostic or therapeutic use) **contact: support@agrisera.com**

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Product no AS19 4336

Osmotin

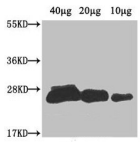
Product information

Immunogen	Recombinant Osmotin derived from *Nicotiana tabacum* protein sequence, amino acids: 22-246. UniProt: P14170
Host	Rabbit
Clonality	Polyclonal
Purity	>95%, Protein G purified to a total immunoglobulin G fraction.
Format	Liquid
Quantity	50 µg
Storage	Store at -20°C or -80°C, avoid repeated freeze-thaw cycles. 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	Preservative: 0.03% Proclin 300. Preparation contains: 50% Glycerol, 10 mM PBS, pH 7.4 Reactivity of this antibody on endogenous sample remains to be determined.

Application information

Recommended dilution	1 : 500 - 1: 1000 (WB)
Expected | apparent MW	26 | 27 kDa
Confirmed reactivity	*Nicotiana tabacum*
Predicted reactivity	*Capsicum annuum, Solanum lycopersicum* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known

application example



Varied amounts of recombinant *Nicotiana tabacum* osmotin were loaded/well and separated on 10 % SDS-PAGE and blotted 1h to PVDF using semi-dry transfer. Blot was blocked with 5 % milk for 2h/RT with agitation. Blot was incubated in the primary antibody at 3 µg/ml for 1h/RT with agitation in PBS-T. The antibody solution was decanted and the blot was rinsed briefly twice, then washed 4x in PBS-T at RT with agitation. Blot was incubated in matching secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated) diluted to 1:50 000 in for 1h/RT with agitation. The blot was washed as above and developed with chemiluminescent detection reagent according to manufacture's instructions.