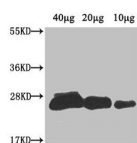


Product no **AS19 4336****Osmotin****Product information**

|                               |  |
|-------------------------------|--|
| <b>Immunogen</b>              | Recombinant Osmotin derived from <i>Nicotiana tabacum</i> protein sequence, amino acids: 22-246. UniProt: <a href="#">P14170</a>   |
| <b>Host</b>                   | Rabbit   |
| <b>Clonality</b>              | Polyclonal   |
| <b>Purity</b>                 | >95%, Protein G purified to a total immunoglobulin G fraction.   |
| <b>Format</b>                 | Liquid   |
| <b>Quantity</b>               | 50 µg  |
| <b>Storage</b>                | 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. |
| <b>Additional information</b> | Preservative: 0.03% Proclin 300. Preparation contains: 50% Glycerol, 10 mM PBS, pH 7.4<br>Reactivity of this antibody on endogenous sample remains to be determined.   |

**Application information**

|                               |   |
|-------------------------------|---|
| <b>Recommended dilution</b>   | 1 : 500 - 1: 1000 (WB)  |
| <b>Expected   apparent MW</b> | 26   27 kDa   |
| <b>Confirmed reactivity</b>   | <i>Nicotiana tabacum</i>  |
| <b>Predicted reactivity</b>   | <i>Capsicum annuum</i> , <i>Solanum lycopersicum</i><br>Species of your interest not listed? <a href="#">Contact us</a> |
| <b>Not reactive in</b>        | 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.