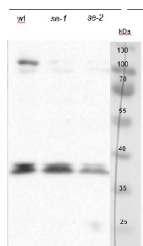


Product no **AS15 2836****SE | Serrate RNA effector molecule (chicken antibody)****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide chosen from <i>Arabidopsis thaliana</i> serrate protein sequence UniProt: <a href="#">Q9ZVD0</a> , TAIR: <a href="#">At2g27100</a>
<b>Host</b>	Chicken
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Storage</b>	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.

**Application information**

<b>Recommended dilution</b>	1 : 2000 (WB)
<b>Expected   apparent MW</b>	81   80 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Malus domestica</i> , <i>Nicotiana benthamina</i> , <i>Nicotiana tabacum</i> , <i>Saccharum hybrid</i> cultivar NCo 376, <i>Zea mays</i> 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
<b>Additional information</b>	Over night incubation with anti-serrate antibodies is not recommended as it can contribute to increased background signal

**application example**

30 µg of total protein from 14-day-old seedlings of *Arabidopsis thaliana* was extracted with extraction buffer containing: 100 mM Tris HCl, 10 % glycerol, 5 mM EGTA, 0.15 M NaCl, 0.75 % Triton X100, 0.05 % SDS, 1mM DTT, 1x Complete Mini EDTA-free protease inhibitor (Roche) were separated on 10 % SDS/PAGE using semi-dry transfer and blotted 1 h to PVDF. Blots were blocked with 5 % milk in TBS+0.1 % Tween for 1 h at RT with agitation. Blot was incubated in the primary antibody at a dilution of 1: 2000 in TBS-T for 1 h at RT with agitation. Blot was incubated in secondary antibody (goat anti-chicken HRP conjugated, [AS10 1489](#) Agrisera) in 1: 10 000 diution for 1 h at RT with agitation in TBS 0.2 % Tween. The blot was washed as above and developed for 5 minutes with chemiluminescent detection reagent, according to manufacturer's instructions. Exposure time was 10 min.

Courtesy of M.Sc. Agata Stępień, Department of Gene Expression, Adam Mickiewicz University, Poland