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Product no AS15 2836

Anti-SE | Serrate RNA effector molecule (chicken antibody)

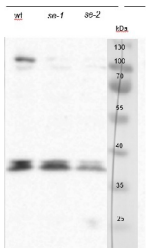
Product information

Immunogen	KLH-conjugated synthetic peptide chosen from *Arabidopsis thaliana* serrate protein sequence UniProt: Q9ZVD0,TAIR: At2g27100
Host	Chicken
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
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.

Application information

Recommended dilution	1 : 2000 (WB)
Expected | apparent MW	81 | 80 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Malus domestica, Nicotiana benthamina, Nicotiana tabacum, Saccharum hybrid* cultivar NCo 376*, Zea mays* Species of your interest not listed? Contact us
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Additional information	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 seeldlings 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