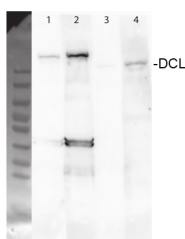


Product no **AS12 2103****DCL3 | Dicer-like protein 3****Product information**

<b>Immunogen</b>	KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> DCL3 sequence, Uniprot: <a href="#">Q9LXW7</a> , TAIR: <a href="#">At3g43920</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	200 µg
<b>Reconstitution</b>	For reconstitution add 200 µl of sterile water
<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 : 1000 (WB)
<b>Expected   apparent MW</b>	117 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Not reactive in</b>	<i>Zea mays</i>
<b>Additional information</b>	Recommend protein load is from 40-50 µg/well (using 1,5 mm spacers helps to obtain wider wells)

**application example**

**50 µg of total protein** from *Arabidopsis thaliana* total cell extract which came from the ground, frozen powder and has been directly transferred to 2x Laemmli sample buffer was separated on **15 % SDS-PAGE** and blotted over night at 64 mA to nitrocellulose (wet transfer). Blots were blocked with Roti-block over night at 4°C agitation. Blot was incubated in the primary antibody at a dilution of 1: 2000 (**1**) and 1: 500 (**2**) 1h at RT with agitation. The antibody solution was decanted and the blot was rinsed briefly twice, then washed once for 15 min and 3 times for 5 min in PBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera [AS09 602](#)) diluted to 1:10 000 for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturers instructions. Exposure time was 1 min.

Courtesy of Dr. Sascha Laubinger, ZMBP, Germany