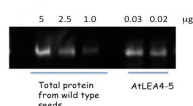


Product no **AS13 2758****LEA4-5 | Late embryogenesis abundant protein 4-5 (serum)****Product information**

<b>Immunogen</b>	recombinant LEA4-5 from <i>Arabidopsis thaliana</i> : UniProt: <a href="#">Q9FG31</a> , TAIR: <a href="#">AT5G06760</a> , a group 4 LEA protein ( <a href="#">Battaglia et al., 2008</a> )
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<b>Reconstitution</b>	For reconstitution add 50 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>	16 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Arachis hypogaea</i> , <i>Brassica</i> sp., <i>Glycine max</i> , <i>Medicago truncatula</i> , <i>Phaseolus vulgaris</i> , <i>Thellungiella halophila</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

**Application information**

*Arabidopsis thaliana* seed protein extracts were obtained as described by Olvera-Carrillo et al. (Plant Physiol 154:373-390, 2010). Proteins were separated on 12% SDS-PAGE and blotted 1h to nitrocellulose membrane using semi-dry transfer for 1 h. Blots were blocked ON at 4°C in 2% non-fat milk with agitation. Blots were incubated in the primary antibody at a dilution of 1: 1 000 for 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 TBS-T at RT with agitation. Blot was incubated in secondary antibody (anti-rabbit IgG horse radish peroxidase conjugated, from Agrisera, [AS09 602](#)) diluted to 1:25 000 in 2% non-fat milk for 1h at RT with agitation. The blot was washed as above and developed for 5 min with ECL according to the manufacturer's instructions. Exposure time was 1 min.

Courtesy of Dr. Alejandra A. Covarrubias, UNAM, Mexico