

# Agrisera

This product is for research use only (not for diagnostic or therapeutic use)

contact: [support@agrisera.com](mailto:support@agrisera.com)

Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | [www.agrisera.com](http://www.agrisera.com)

Product no **AS15 3032**  
**DOG1 alpha splice variant**

## Product information

<b>Immunogen</b>	mixture of two synthetic peptides, conjugated to <u>KLH</u> derived from a sequence of <i>Arabidopsis thaliana</i> DOG1, UniProt: <a href="#">A0SVK0</a> , TAIR: <a href="#">AT5G45830</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Affinity purified serum in PBS, pH 7.4
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<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 tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

## Application information

<b>Recommended dilution</b>	1 : 2000 (WB)
<b>Expected   apparent MW</b>	32.4 kDa
<b>Confirmed reactivity</b>	<i>Arabidopsis thaliana</i>
<b>Predicted reactivity</b>	<i>Brachypodium distachyon</i> , <i>Brassica napus</i> , <i>Capsella rubella</i> , <i>Lepidium papillosum</i> , <i>Sisymbrium officinale</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>Selected references</b>	<a href="#">Bryant et al. (2019)</a> . Basic LEUCINE ZIPPER TRANSCRIPTION FACTOR67 Transactivates DELAY OF GERMINATION1 to Establish Primary Seed Dormancy in Arabidopsis. <i>Plant Cell</i> . 2019 Jun;31(6):1276-1288. doi: 10.1105/tpc.18.00892 <a href="#">Cyrek et al. (2016)</a> . Seed Dormancy in Arabidopsis Is Controlled by Alternative Polyadenylation of DOG1. <i>Plant Physiol</i> . 2016 Feb;170(2):947-55. doi: 10.1104/pp.15.01483.