

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

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| Immunogen | Synthetic peptide, conjugated to <u>KLH</u> derived from a sequence of <i>Arabidopsis thaliana</i> DOG1, UniProt: <u>A0SVK0</u> , TAIR: <u>AT5G45830</u> |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified serum in PBS pH 7.4. |
| Format | Lyophilized |
| Quantity | 50 µg |
| Reconstitution | For reconstitution add 50 µl of sterile water |
| 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

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| Recommended dilution | 1 : 2000 (WB) |
| Expected apparent MW | 32,4 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> |
| Predicted reactivity | <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? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | Bryant et al. (2019). Basic LEUCINE ZIPPER TRANSCRIPTION FACTOR67 Transactivates DELAY OF GERMINATION1 to Establish Primary Seed Dormancy in Arabidopsis. Plant Cell. 2019 Jun;31(6):1276-1288. doi: 10.1105/tpc.18.00892 Cyrek et al. (2016). Seed Dormancy in Arabidopsis Is Controlled by Alternative Polyadenylation of DOG1. Plant Physiol. 2016 Feb;170(2):947-55. doi: 10.1104/pp.15.01483. |