

Product no **AS10 711****DEG15 | Endopeptidase (peroxisomal marker)****Product information**

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| Immunogen | synthetic peptide derived from <i>Arabidopsis thaliana</i> DEG15, Q8VZD4 (At1g28320) |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Immunogen affinity purified serum in PBS pH 7.4. |
| Format | Lyophilized |
| Quantity | 100 µg |
| Reconstitution | For reconstitution add 100 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 : 500 (WB) |
| Expected apparent MW | 76 kDa |
| Confirmed reactivity | <i>Arabidopsis thaliana</i> , <i>Citrullus vulgaris</i> , <i>Physcomitrium patens</i> |
| Predicted reactivity | <i>Micromonas sp.</i> , <i>Oryza sativa</i> , <i>Populus balsamifera</i> , <i>Solanum lycopersicum</i> , <i>Sorghum vulgare</i> , <i>Ricinus communis</i> , <i>Vitis vinifera</i> , <i>Zea mays</i> Species of your interest not listed? Contact us |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | Schuhmann et al. (2008) . The DEG15 serine protease cleaves peroxisomal targeting signal 2-containing proteins in <i>Arabidopsis</i> . <i>Plant Physiol.</i> 4: 1847-1856. Helm et al. (2007) . Dual specificities of the glyoxysomal/peroxisomal processing protease Deg15 in higher plants. <i>PNAS</i> 27: 11501-11506. |