

product **AS07 206**  
**Dehydrin**

### product information

<b>background</b>	<b>Dehydrins</b> are stress proteins involved in formation of plant protective reactions against dehydration. They are normally synthesized in maturing seeds during their desiccation, as well as in vegetative tissues of plants treated with abscisic acid or exposed to environmental stress factors that result in cellular dehydration.
<b>immunogen</b>	<u>KLH</u> -conjugated peptide sequence (K-segment) from dehydrin C terminal conserved in a wide range of plant species including <i>Nicotiana tabacum</i> <u>BAD1349</u>
<b>antibody format</b>	rabbit polyclonal serum lyophilized
<b>quantity</b>	200 µl 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 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.
<b>tested applications</b>	western blot (WB)
<b>additional information</b>	to be added when available

### application information

<b>recommended dilution</b>	1 : 1000 with standard ECL (WB)
<b>expected   apparent MW</b>	9-200 kDa
<b>confirmed reactivity</b>	<i>Pinus sylvestris</i>
<b>predicted reactivity</b>	dicots including <i>Glycine max</i> , <i>Nicotiana tabacum</i> , <i>Pisum sativum</i> , monocots including <i>Hordeum vulgare</i> , <i>Oryza sativa</i> , <i>Zea mays</i> , trees: <i>Populus sp.</i>
<b>not reactive in</b>	no confirmed exceptions from predicted reactivity known in the moment
<b>additional information</b>	to be added when available
<b>selected references</b>	to be added when available