### product information

**Background**

Dehydrins are stress proteins involved in formation of plant protective reactions against dehydration. They are normally synthesized in maturing seeds during their dessication, as well as in vegetative tissues of plants treated with abscisic acid or exposed to environmental stress factors that result in cellular dehydration.

**Immunogen**

KLH-conjugated peptide sequence TGEKKGIDMDKIPEKLPGQH of K-segment conserved in a wide range of plant species

**Host**

Rabbit

**Clonality**

Polyclonal

**Purity**

Serum

**Format**

Lyophilized

**Quantity**

200 µl

**Reconstitution**

For reconstitution add 200 µl of sterile, deionized water.

**Storage**

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.

**Tested applications**

Western blot (WB)

**Related products**

- AS07 206A | Anti-dehydrin (affinity purified), rabbit antibodies
- Collection of antibodies to plant stress proteins
- AS10 206PRE, Dehydrin, pre-immune serum, to be used as a control for immunolocalization studies

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### Application Information

**Recommended dilution**

1 : 1000 (WB)

**Expected | apparent MW**

9-200 kDa

**Confirmed reactivity**

Agostis stolonifera cv. ‘Penncross’, Betula pubescens, Betula pendula, Betula pendula var. carelica, Hordeum spontaneum, Larix cajanderi, Picea obovata, Picea abies, Pinus sylvestris, Pinus strobus, Pinus sylvestris

**Predicted reactivity**

Arabidopsis thaliana, Glycine max, Nicotiana tabacum, Pismum sativum, Hordeum vulgare, Oryza sativa, Populus sp., Zea mays

**Not reactive in**

No confirmed exceptions from predicted reactivity are currently known.

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### Additional Information

**Selected references**
