Datasheet for ABIN2761874

anti-Dehydrin antibody (C-Term)

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Overview

Quantity:	50 µg
Target:	Dehydrin
Binding Specificity:	C-Term
Reactivity:	Pinus sylvestris, Wild Cabbage
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Dehydrin antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated peptide sequence (K-segment) from dehydrin C terminal conserved in a wide range of plant species including Nicotiana tabacum BAD1349
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity known in the moment
Predicted Reactivity:	dicots including Glycine max, Nicotiana tabacum, Pisum sativum, moncots including Hordeum vulgare, Oryza sativa, Zea mays, trees:Populus sp.
Characteristics:	Expected / apparent Molecular Weight of the Antigene: 9-200 kDa
Purification:	serum

Target Details

Target:	Dehydrin

Target Details

Abstract:	Dehydrin Products
Background:	AGI Code: At3g50980 Dehydrins are stress proteins involved in formation of plant protective reactions against dehydration. They are normally synthesized in maturating 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.
Molecular Weight:	9-200 kDa

Application Details

Application Notes:	1 : 1000 with standard ECL (WB)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water.
Buffer:	PBS pH 7.4
Handling Advice:	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. Once reconstituted make aliquots to avoid repreated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.

Publications

Product cited in:	Li, Yang, Ma, Sun, Yang, Kong, Hu, Yang: "Comparative proteomics analyses of Kobresia pygmaea adaptation to environment along an elevational gradient on the central Tibetan Plateau." in: **PLoS ONE**, Vol. 9, Issue 6, pp. e98410, (2014) (PubMed).