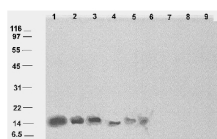


Product no **AS06 169****COR14b | Cor14b-encoded cold regulated protein****Product information**

| | |
|-----------------------|---|
| Immunogen | KLH-conjugated synthetic peptide conserved in cor14b sequence of <i>Hordeum vulgare</i> , cor14c UniProt Q8H0Q4 and <i>Triticum aestivum</i> , REP13 of <i>Secale cereale</i> |
| Host | Rabbit |
| Clonality | Polyclonal |
| Purity | Serum |
| Format | Lyophilized |
| Quantity | 100 µl |
| 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 : 10 000 (WB) |
| Expected apparent MW | 16 kDa |
| Confirmed reactivity | <i>Hordeum vulgare</i> |
| Not reactive in | No confirmed exceptions from predicted reactivity are currently known |
| Selected references | Rapacz et al. (2008). The effect of cold acclimation on photosynthetic apparatus and the expression of COR14b in four genotypes of barley (<i>Hordeum vulgare</i>) contrasting in their tolerance to freezing and high light treatment in cold. <i>Ann. Bot.</i> 101: 689-699. |

Application example

Total cell extract of (1-3) *Hordeum vulgare* after 1 day of cold acclimation (4-6) *Hordeum vulgare* after 6 hours of cold acclimation, (7-9) *Hordeum vulgare* non-acclimated plants were separated on **SDS-PAGE**. Blots were incubated in the primary antibody at a dilution of 1: 10 000 for 1h at room temperature with agitation. Blots were developed using chemiluminescent detection reagent.