Datasheet for ABIN619537

anti-Alcohol Dehydrogenase (ADH) antibody

2 Images

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Overview

Quantity:	100 µL
Target:	Alcohol Dehydrogenase (ADH)
Reactivity:	Oryza sativa, Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated peptide derived from available ADH sequences including Arabidopsis thaliana P06525, At1g77120
Cross-Reactivity (Details):	Not reactive in: Allyl alcohol dehydrogenase of Nicotiana tabacum, accession 75206691 and in Chlamydomonas reinhardtii.
Predicted Reactivity:	dicots including: Brassica napus, Glycine max, Pisum sativum, Solanum tuberosum, Sorghum bicolor, Ricinus communis, Vitis vinifera, monocots including: Hordeum vulgare, Oryza sativa, Sorghum bicolor, Zea mays, trees: Picea sitchensis, Populus trichocarpa,
Characteristics:	Expected / apparent Molecular Weight of the Antigene: 42 / 42 kDa (Arabidopsis thaliana)
Purification:	serum

Target Details

Target:	Alcohol Dehydrogenase (ADH)

Target Details

Alternative Name:	ADH (ADH Products)
Background:	AGI Code: At1g77120 Alcohol dehydrogenase (ADH) is an enzyme playing a crucial role in the fermentative metabolism in plants subjected to low oxygen stress. It is known to be synthesized preferentially under low oxygen conditions.
Molecular Weight:	expected: 42 kDa, apparent: 42 kDa (Arabidopsis thaliana)
UniProt:	P06525

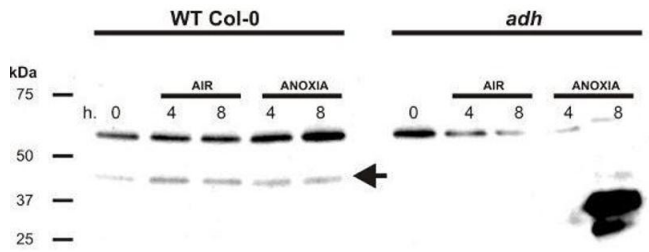
Application Details

Application Notes:	1: 3000 with standard ECL (WB)
Restrictions:	For Research Use only

Handling

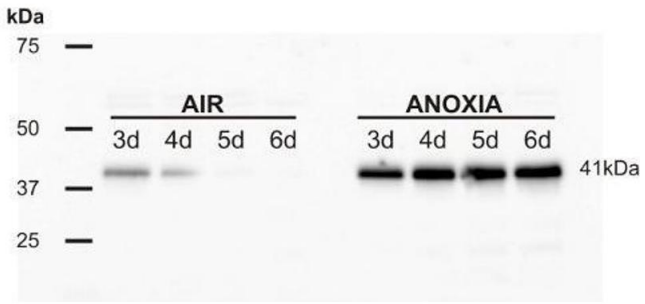
Format:	Lyophilized
Reconstitution:	For reconstitution add 100 µL of sterile water
Storage:	-20 °C
Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

Images



Western Blotting

Image 1.



Western Blotting

Image 2.

