



Rabbit Anti-Arabidopsis thaliana ADH1 Polyclonal Antibody (CABT-Z580R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of ADH1 derived from Arabidopsis thaliana AT1G77120.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 41 kDa; Apparent M.W.: 43 kDa
Reconstitution	Reconstitution with 150 µl of sterile water.
Format	Lyophilized
Size	150 µg
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.
Ship	Wet ice

BACKGROUND

Introduction	ADH1 is a Zn-binding enzyme that acts as a dimer and relies on a NAD(P) co-factor to interconvert ethanol and acetaldehyde. ADH catalyzes the reduction of acetaldehyde using NADH as reductant. The protein undergoes thiolation following treatment with the oxidant tert-butylhydroperoxide.
Keywords	ADH1;ADH;ALCOHOL DEHYDROGENASE;ALCOHOL DEHYDROGENASE 1;ARABIDOPSIS THALIANA ALCOHOL DEHYDROGENASE;ATADH;ATADH1

GENE INFORMATION

Gene Name	ADH1
Entrez Gene ID	844047
UniProt ID	P06525