Anti-AHP5

Datasheet, Version 2/2016

protean
Forefront of Biotechnology

Catalog #	1375
Synonyms	AHP5@D, Histidine kinase,
Type	Monoclonal Antibody
Source	Hybridoma
Species	Arabidopsis thaliana
Tag	
Form	Liquid
Purity	> 98 % by SDS PAGE
Shipping	Ice pack

Introduction

Monoclonal antibodies against Arabidopsis thaliana phosphotransfer protein 4 (AHP4)

Description

Anti-AHP antibodies are indispensable reagents for scientists focused on unraveling of plant internal clock. Anti-AHP monoclonal antibodies were developed in Central European Institute of Technology (CEITEC), Brno, Czech Republic, as a unique tool for mapping of multistep phosphorelay signaling in A. thaliana. This antibody collection represents the most complex tool for mapping of plant stimuli signal transfer from sensor histidine kinase to nuclear response regulators, via histidine phosphotransfer proteins. AHP antibodies are suitable not only for qualitative investigation of magnesium dependent phosphotransfer relay, but also for quantification of particular sensor histidine kinases.

Application

Affinity Purification, Western Blotting, ELISA, Protein Array, Protein-Protein Interactions, Pull-down Assay. WB working dilution 1:10 000.

Purification method

Affinity chromatogramy on protein G.

Formulation

50 mM Tris-HCl pH 8 with 20 % of glycerol in final concentration 1 mg/ml.

Specificity

Use AHP5@D when you are interested in: - in vivo and in vitro detection of AHP5 - new interaction of AHP5 proteins with other proteins - quantification of protein interactions mediated by AHP5 - sub-cellular localization of AHP5 - detection of splicing variants of AHP5

Storage

Flash frozen in liquid nitrogen. Store at -80 C. Avoid repeated freezing and thawing.

Analyte specific reagent (ASR) manufactured under ISO 13485.
Country of origin: Czech Republic

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CERTIFIED

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