



# Rabbit Anti-Arabidopsis thaliana PS/TK AT4G23050 Polyclonal Antibody (CABT-Z783R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana AT4G23050.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	82 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

# BACKGROUND

## Introduction

AT4G23050 is a member of RAF-related MAPKKKs (mitogen activated protein kinase kinase kinases), classified as subgroup B2 in Arabidopsis MAPKKKs. It contains two domains: a PAS domain and a kinase domain. And many PAS-containing proteins are involved in the sensing of environmental stimuli, such as oxygen, redox or light.

## Keywords

AT4G23050;PAS domain-containing protein tyrosine kinase family protein;Putative serine/threonine kinase

# GENE INFORMATION

## Gene Name

At4g23050

## Entrez Gene ID

[828404](#)

## UniProt ID

[O82754](#)