



Rabbit Anti-Arabidopsis thaliana Anti-ASK Polyclonal Antibody (CABT-Z718R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of ASK protein derived from Arabidopsis thaliana AT4G18710/AT5G26751/AT1G06390/AT3G05840/AT2G30980.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	43/46/47 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.

BACKGROUND

Introduction

The key role that SnRKs play at the interface between metabolic and stress signalling make them potential candidates for manipulation to improve crop performance in extreme environments. In *Arabidopsis thaliana*, The AtSK family has evolved into 10 members possessing diverse functions, of which 7 members have been implicated in the brassinosteroid (BR) signaling pathway.

Keywords

Shaggy-related protein kinase;ASK

GENE INFORMATION

Gene Name

ASK

Entrez Gene ID

[817649](#); [837150](#); [827605](#); [832733](#); [819753](#)

UniProt ID

[Q39010](#); [Q39012](#); [Q39011](#); [P43288](#); [P43289](#)
