



Rabbit Anti-Arabidopsis thaliana AMT1-1 Polyclonal Antibody (CABT-Z710R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of AMT1-1 derived from Arabidopsis thaliana AT4G13510.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	40 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

AMT1;1 is a plasma membrane localized ammonium transporter. AMT1;1 contains a cytosolic trans-activation domain essential for ammonium uptake. High affinity ammonium transporter probably involved in ammonium uptake from the soil, long-distance transport to the shoots and re-uptake of apoplastic ammonium that derives from photorespiration in shoots.

Keywords

AMT1;1;AMMONIUM TRANSPORTER 1;1;ARABIDOPSIS THALIANA AMMONIUM TRANSPORT 1;ATAMT1;ATAMT1;1.

GENE INFORMATION

Gene Name

AMT1-1

Entrez Gene ID

[826983](#)

UniProt ID

[P54144](#)