



Rabbit Anti-Arabidopsis thaliana AMT1-4 Polyclonal Antibody (CABT-Z713R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of AtAMT1-4 derived from Arabidopsis thaliana AT4G28700.
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(monomer); 80 kDa(dimer)
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	The AtAMT1;4 is a functional ammonium transporter when heterologously expressed in yeast or when overexpressed in Arabidopsis roots. AtAMT1;4 mediates ammonium uptake across the plasma membrane of pollen to contribute to nitrogen nutrition of pollen via ammonium uptake or retrieval.
Keywords	AMT1;4;AtAMT1;4;AMMONIUM TRANSPORTER 1;4.

GENE INFORMATION

Gene Name	AMT1-4
Entrez Gene ID	828988
UniProt ID	Q9SVT8