



Rabbit Anti-Arabidopsis thaliana TIP3-1 Polyclonal Antibody (CABT-Z709R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of TIP3-1 derived from Arabidopsis thaliana AT1G73190.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purified
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	Expected M.W.: 28 kDa; Apparent M.W.: 24 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 Tonoplast intrinsic proteins (TIPs), which belong to the major intrinsic protein family, are members of plant aquaporins (AQPs) and are localized in the membrane of the vacuole. The TIP family consists of five subgroups, namely TIP1 (γ -TIP), TIP2 (δ -TIP), TIP3 (α -TIP and β -TIP), TIP4 (ϵ -TIP), and TIP5 (ξ -TIP). TIP3-1 and TIP3-2 are specifically expressed during seed maturation and localized to the seed protein storage vacuole membrane.

Keywords alpha-TIP;ALPHA-TIP;ALPHA-TONOPLAST INTRINSIC PROTEIN;TIP3-1

GENE INFORMATION

Gene Name TIP3-1

Entrez Gene ID [843653](#)

UniProt ID [P26587](#)