



Rabbit Anti-Arabidopsis thaliana CSP1 Polyclonal Antibody (CABT-Z973R)

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

PRODUCT INFORMATION

Immunogen	KLH-conjugated synthetic peptide of CSP1 derived from Arabidopsis thaliana AT4G36020.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Unpurified
Conjugate	Unconjugated
Applications	WB, IP Recommended dilution: WB: 1:1000-1:2000
Molecular Weight	30 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	Cold shock domain protein 1 is involved in cold acclimation by blocking the secondary structure of mRNA which in turn facilitates translation at cold temperature. CSP1 selectively chaperones mRNAs, providing translational enhancement during stress. The Arabidopsis contains four CSP proteins: CSP1 (AT4G36020), CSP2 (AT4G38680), CSP3 (AT2G17870), CSP4 (AT2G21060).
Keywords	CSP1;ATCSP1;COLD SHOCK DOMAIN PROTEIN 1;COLD SHOCK PROTEIN 1;CSDP1.

GENE INFORMATION

Gene Name	CSP1
Entrez Gene ID	829758
UniProt ID	O65639