

Anti-Cold shock protein 1 antibody

Catalog: PHY0928S

Product Information

Description:	Rabbit polyclonal antibody
Background:	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).
Synonyms:	CSDP1, CSP1, ATCSP1, COLD SHOCK DOMAIN PROTEIN 1, COLD SHOCK PROTEIN 1
Immunogen:	KLH-conjugated synthetic peptide (16 aa from Central section) derived from <i>Arabidopsis thaliana</i> CSP1 (AT4G36020).
Form:	Lyophilized
Quantity:	150 µg
Purification:	Serum Peptide affinity form antibody available upon request at info@phytoab.com .
Reconstitution:	Reconstitution with 150µl of sterile water. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube".
Stability & 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.
Shipping:	The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above.

Application Information

Recommended Dilution:	Western Blot (1:1000-1:2000) Note: Optimal dilutions/concentrations should be determined by the end user.
Expected / apparent MW:	30 kDa

Research Use Only

Predicted Reactivity:

For more species homologues information, please contact tech support at tech@phytoab.com.