

Product no **AS16 3971****Anti-ICE1 | Inducer of CBF expression 1****Product information**

Immunogen	KLH-conjugated synthetic peptide derived from <i>Arabidopsis thaliana</i> ICE1 sequence, UniProt: Q9LSE2#Q9LSE2-2 , TAIR: AT3G26744 . The peptide is not conserved in protein coded by SCRM2 gene. UniProt: A0A1P8AMV9
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl of sterile water
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 1000 (WB)
Expected apparent MW	43 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i>
Predicted reactivity	<i>Brassica napus</i> , <i>Brassica rapa</i> , <i>Capsella bursa-pastoris</i> , <i>Capsella rubella</i> , <i>Eutrema salsugineum</i> , <i>Noccaea caerulescens</i> Species of your interest not listed? Contact us
Not reactive in	<i>Solanum lycopersicum</i>
Selected references	Wu et al. (2024) . Brassica rapa BrICE1 and BrICE2 Positively Regulate the Cold Tolerance via CBF and ROS Pathways, Balancing Growth and Defense in Transgenic Arabidopsis. <i>Plants (Basel)</i> . 2024 Sep 20;13(18):2625. doi: 10.3390/plants13182625. Patir-Nebioglu et al. (2019) . Pyrophosphate modulates plant stress responses via SUMOylation. <i>Elife</i> . 2019 Feb 20;8. pii: e44213. doi: 10.7554/eLife.44213.