

CESA1 (phospho S167) polyclonal antibody

Catalog # PAB15897 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of CESA1.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S167 of <i>Arabidopsis thaliana</i> CESA1.
Host	Rabbit
Reactivity	Thale cress
Form	Liquid
Recommend Usage	ELISA (1:2000-1:5000) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — CESA1

Entrez GeneID [829376](#)

Gene Name	CESA1
Gene Alias	CELLULOSE SYNTHASE 1, F8B4.110, F8B4_110, RADially SWOLLEN 1, RSW1
Gene Description	CESA1 (CELLULOSE SYNTHASE 1); transferase, transferring glycosyl groups
Gene Ontology	Hyperlink
Gene Summary	-
Other Designations	-

Publication Reference

- [The Arabidopsis mutant cev1 links cell wall signaling to jasmonate and ethylene responses.](#)
Ellis C, Karafyllidis I, Wasternack C, Turner JG.
The Plant Cell 2002 Jul; 14(7):1557.
- [Functional analysis of the cellulose synthase genes CesA1, CesA2, and CesA3 in Arabidopsis.](#)
Burn JE, Hocart CH, Birch RJ, Cork AC, Williamson RE.
Plant Physiology 2002 Jun; 129(2):797.
- [Alpha-glucosidase I is required for cellulose biosynthesis and morphogenesis in Arabidopsis.](#)
Gillmor CS, Poindexter P, Lorieau J, Palcic MM, Somerville C.
Journal of Cellular Biology 2002 Mar; 156(6):1003.