

# CesA8 (IRX1) | Cellulose synthase A catalytic subunit 8 [UDP-forming]

Cat PA00422

Size 50  $\mu$ l

## Host

Rabbit

## Clonality

Polyclonal

## Confirmed reactivity

Arabidopsis thaliana, Cannabis sativa, Solanum lycopersicum

## Immunogen

recombinant Arabidopsis thaliana IRX1 fragment, UniProt: Q8LPK5, TAIR: At4g18780

## Host

Rabbit

## Clonality

Polyclonal

## Purity

Serum

## Format

Lyophilized

## Reconstitution

For reconstitution add 50  $\mu$ l of sterile water

## Storage

Store lyophilized/reconstituted at  $-20^{\circ}\text{C}$ ; 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

Immunofluorescence (IF), Western blot (WB)

## Recommended dilution

1 : 1000 (WB)

## Expected | apparent MW

111,5 kDa

## Confirmed reactivity

Arabidopsis thaliana, Cannabis sativa, Solanum lycopersicum

## Predicted reactivity

Brassica napus, Lupinus luteus

## Not reactive in

Populus sp.

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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## Additional information

This antibody is detecting both, recombinant and endogenous CesA8 (IRX1) protein

## Description

CesA8 (IRX1) is a catalytic subunit of an enzyme involved in secondary cell wall biosynthesis-cellulose synthase terminal complex. It interacts with CESA4 and CESA7, which are required by the functional complex. This protein is required for the thickening of xylem cell walls. Occurs in secondary cell wall tissues such as xylem and interfascicular region. It is not expressed in leaves and is not found in embryos. Synonym: Protein irregular xylem 1,IRX1, protein leaf wilting 2,LEW2.

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