

Datasheet for ABIN4966399 **anti-CCDC99 antibody**

[Go to Product page](#)

Overview

Quantity:	2 x 50 µg
Target:	CCDC99
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana SPY protein sequence, UniProt: Q96301, TAIR: At3g11540
Cross-Reactivity (Details):	Not reactive in: no confirmed exceptions from predicted reactivity are currently known
Predicted Reactivity:	Arabidopsis thaliana, Helianthus annuus, Hordeum vulgare, Vitis vinifera, Glycine max, Oryza sativa, Brachypodium distachyon, Zea mays, Sorghum bicolor, Solanum lycopersicum, Physcomitrella patens

Target Details

Target:	CCDC99
Alternative Name:	SPINDLY (SPY) (CCDC99 Products)
Background:	SPY (SPINDLY) is O-linked N-acetylglucosamine transferase (OGT) involved in various processes such as gibberellin (GA) signaling pathway and circadian clock. It catalyze the addition of nucleotide-activated sugars directly onto the polypeptide through O-glycosidic

Target Details

linkage with the hydroxyl of serine or threonine. Acts as a repressor of GA signaling pathway to inhibit hypocotyl elongation. Alternative name: Probable UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase SPINDLY.

Molecular Weight: 101.4 kDa

UniProt: [Q96301](#)

Application Details

Application Notes: 1 : 500 with ECL (WB)

Comment: This antibody so far has been confirmed to detect recombinant SPY protein, GFP-tagged. Optimization of protein extraction and detection using most sensitive reagents may result in recognition of endogenous SPY.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL of sterile water to each tube.

Storage: -20 °C

Storage Comment: store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.