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Datasheet for ABIN4966294 **anti-RGL2 antibody**

Overview

Quantity:	50 µg
Target:	RGL2
Reactivity:	Arabidopsis thaliana
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	KLH-conjugated synthetic peptide derived from Arabidopsis thaliana RGL2 protein, UniProt: Q8GXW1, TAIR: At3g03450
Cross-Reactivity (Details):	Not reactive in: Triticum sp.

Target Details

Target:	RGL2
Alternative Name:	RGA-like protein 2 (DELLA protein) (RGL2)
Background:	DELLA protein RGL2 is a probable transcriptional regulator that acts as a repressor of the gibberellin (GA) signaling pathway. Involved in the biosynthesis of abscisic acid (ABA), delays flowering and leaf production, regulates floral development, petal, stamen and anther development. Predominantly expressed in germinating seeds, flowers and siliques. Synonyms: GRAS family protein 15, AtGRAS-15, Scarecrow-like protein 19, AtSCL19.
Molecular Weight:	60 kDa

Target Details

UniProt: [Q8GXM1](#)

Application Details

Application Notes:	1 : 1000 with standard ECL (WB) on transfected Arabidopsis thaliana protoplasts
Comment:	As this protein is expressed in tissue in very low levels, please load at least 50 µg/well.Recommended extraction and denaturation protocol: Arabidopsis thaliana seedlings were ground in liquid nitrogen (100 µl of 2.5 x Laemli for 80-120 mg of homogenized material) and boiled for 2 min. at 95°C in 2,5x Laemmli Buffer (with 60 Mm DTT final concentration) otherwise RGA protein will degrade.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 50 µL of sterile water.
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.