



# Rabbit anti-Arabidopsis thaliana RPSP2 (C-term) Polyclonal Antibody (CABT-Z135R)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Immunogen</b>	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana RPSP2.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
<b>Molecular Weight</b>	Predicted M.W.: 105 kDa; Observed M.W.: 130 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana RPSP2 (AT4G26090).
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µl
<b>Buffer</b>	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN <sub>3</sub> .
<b>Preservative</b>	0.01% NaN <sub>3</sub>

<b>Storage</b>	Store at -20°C. Stable for 6 months from date of receipt.
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<b>Ship</b>	Wet ice
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## BACKGROUND

<b>Introduction</b>	RPSP2 is a disease resistance (R) protein that specifically recognizes the AvrRpt2 type III effector avirulence protein from <i>Pseudomonas syringae</i> . Resistance proteins guard the plant against pathogens that contain an appropriate avirulence protein via an indirect interaction with this avirulence protein. That triggers a defense system including the hypersensitive response, which restricts the pathogen growth. RPSP2 acts via its interaction with RIN4, and probably triggers the plant resistance when RIN4 is degraded by AvrRpt2.
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<b>Keywords</b>	Disease resistance protein RPS2;Resistance to <i>Pseudomonas syringae</i> protein 2;At4g26090;F20B18.200
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## GENE INFORMATION

<b>Gene Name</b>	RPS2
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<b>Entrez Gene ID</b>	<a href="#">828715</a>
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<b>UniProt ID</b>	<a href="#">Q42484</a>
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