



Rabbit anti-Arabidopsis thaliana FLS2 (C-term) Polyclonal Antibody (CABT-Z075R)

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

PRODUCT INFORMATION

Immunogen	Antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana FLS2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:500-1:2,000 (detect endogenous protein*)
Molecular Weight	129 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana FLS2 (At5g46330).
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN ₃ .
Preservative	0.01% NaN ₃

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

Introduction	FLS2 constitutes the pattern-recognition receptor (PPR) that determines the specific perception of flagellin (flg22), a potent elicitor of the defense response to pathogen-associated molecular patterns (PAMPs). Flagellin-binding to the receptor is the first step to initiate the innate immune MAP kinase signaling cascade (MEKK1, MKK4/MKK5 and MPK3/MPK6), resulting in enhanced resistance against pathogens. FLS2 binding to the effector AvrPto1 or to the phosphatase hopD2 from <i>Pseudomonas syringae</i> blocks the downstream plant immune response.
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Keywords	LRR receptor-like serine/threonine-protein kinase FLS2;Protein FLAGELLIN-SENSING 2;At5g46330;MPL12.13;MPL12.8
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GENE INFORMATION

Gene Name	FLS2
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Entrez Gene ID	834676
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UniProt ID	Q9FL28
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