



# Rabbit anti-Arabidopsis thaliana RLFER (Middle region) Polyclonal Antibody (CABT-Z070R)

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 middle region of arabidopsis thaliana RLFER.
<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>	98 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana RLFER (At3g51550).
<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.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	Receptor-like protein kinase FERONIA (FER) is a single-pass type I membrane protein that belongs to protein kinase superfamily and Ser/Thr protein kinase family. FER mediates the female control of male gamete delivery during fertilization, including growth cessation of compatible pollen tubes ensuring a reproductive isolation barriers. FER is required for cell elongation during vegetative growth, mostly in a brassinosteroids- (BR-) independent manner.
<b>Keywords</b>	Receptor-like protein kinase FERONIA;Protein SIRENE;AAK1;SIR;SRN

## GENE INFORMATION

<b>Gene Name</b>	RLFER
<b>Entrez Gene ID</b>	<a href="#">824318</a>
<b>UniProt ID</b>	<a href="#">Q9SCZ4</a>