



# Rabbit Anti-Arabidopsis thaliana VCBPL Polyclonal Antibody (CABT-Z854R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	KLH-conjugated synthetic peptide of VCBPL derived from Arabidopsis thaliana AT1G62480.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Arabidopsis thaliana
<b>Purification</b>	Unpurified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB Recommended dilution: WB: 1:1000-1:2000
<b>Molecular Weight</b>	17 kDa
<b>Reconstitution</b>	Reconstitution with 150 µl of sterile water.
<b>Format</b>	Lyophilized
<b>Size</b>	150 µg
<b>Preservative</b>	None
<b>Storage</b>	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 6 months, -20 to -70 °C under sterile conditions after reconstitution. 1 month, 2 to 8 °C under sterile conditions after reconstitution.
<b>Ship</b>	Wet ice

# BACKGROUND

Introduction	VCBPL acts as a mediator in response to continuous dark or gibberellic acid. In Arabidopsis thaliana a new type of Ca <sup>2+</sup> -binding protein, CCaP1, which consists of 152 amino acid residues, and binds (45)Ca <sup>2+</sup> even in the presence of a high dilution of Mg <sup>2+</sup> .
Keywords	At1g62480/T3P18_4;Vacuolar calcium-binding protein-like protein

# GENE INFORMATION

Gene Name	At1g62480
Entrez Gene ID	<a href="#">842545</a>
UniProt ID	<a href="#">Q9SXE9</a>