



# Rabbit anti-Arabidopsis thaliana SIGD (C-term) Polyclonal Antibody (CABT-Z138R)

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 SIGD.
<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: 1:1,000-1:3,000 (detect endogenous protein*)
<b>Molecular Weight</b>	47 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 SIGD (At5g13730).
<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>	Sigma factors are initiation factors that promote the attachment of plastid-encoded RNA polymerase (PEP) to specific initiation sites and are then released. RNA polymerase sigma factor sigD (SIGD) regulates transcription of the ndhF gene which codes for a subunit of the plastid NDH [NAD(P)H dehydrogenase] complex.
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<b>Keywords</b>	RNA polymerase sigma factor sigD;chloroplastic;Sigma factor D;Sigma-D;RNA polymerase sigma factor sig4;Atsig4;Sigma factor 4;SIG4
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## GENE INFORMATION

<b>Gene Name</b>	SIGD
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<b>Entrez Gene ID</b>	<a href="#">831218</a>
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<b>UniProt ID</b>	<a href="#">Q9ZSL6</a>
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