



Rabbit anti-Arabidopsis thaliana SGS3 (N-term) Polyclonal Antibody (CABT-Z136R)

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 N-terminal region of arabidopsis thaliana SGS3.
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	72 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana SGS3 (At5g23570).
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	SUPPRESSOR OF GENE SILENCING 3 (SGS3) is required for posttranscriptional gene silencing and natural virus resistance. SGS3 is a member of an 'unknown' protein family. Members of this family have predicted coiled coiled domains suggesting oligomerization and a potential zinc finger domain. SGS3 is involved in the production of trans-acting siRNAs through direct or indirect stabilization of cleavage fragments of the primary ta-siRNA transcript. SGS3 acts before RDR6 in this pathway.
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Keywords	Protein SUPPRESSOR OF GENE SILENCING 3;AtSGS3
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GENE INFORMATION

Gene Name	SGS3
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Entrez Gene ID	832422
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UniProt ID	Q9LDX1
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