



Rabbit anti-Arabidopsis thaliana APROS1 (C-term) Polyclonal Antibody (CABT-Z133R)

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 APROS1.
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	157 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana APROS1 (At2g36490).
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	REPRESSOR OF SILENCING1 (ROS1) is a repressor of transcriptional gene silencing. ROS1 functions by demethylating the target promoter DNA. ROS1 interacts physically with RPA2/ROR1. In the <i>ros1</i> mutants, an increase in methylation is observed in a number of gene promoters. Among the loci affected by <i>ros1</i> , a few (RD29A and At1g76930) are affected in cytosine methylation in all sequence contexts (CpG, CpNpG or CpNpN), although many others are affected primarily in non-CpG contexts.
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Keywords	ATROS1;DEMETER-LIKE 1;DML1;REPRESSOR OF SILENCING1;ROS1;AP lyase ROS1
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GENE INFORMATION

Gene Name	ROS1
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Entrez Gene ID	818224
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UniProt ID	Q9SJQ6
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