



# Rabbit anti-Arabidopsis thaliana SUVR2 (Middle region) Polyclonal Antibody (CABT- Z142R)

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 SUVR2.
<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>	79 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana SUVR2 (AT5G43990).
<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>	SUVR2 is one of the four closely related Arabidopsis SUVR proteins that belong to the SU(VAR)3-9 subgroup of SET-domain proteins. Proteins containing the evolutionarily conserved SET domain are involved in regulation of eukaryotic gene expression and chromatin structure through their histone lysine methyltransferase (HMTase) activity. SUVR1, SUVR2 and SUVR4 proteins contain a novel domain at their N-terminus, and a SUVR specific region preceding the SET domain. SUVR2 is localized to the nucleolus, and it may be involved in regulation of rRNA expression.
<b>Keywords</b>	Histone-lysine N-methyltransferase SUVR2;Protein SET DOMAIN GROUP 18;Suppressor of variegation 3-9-related protein 2;Su(var)3-9-related protein 2;SDG18;SET18;At5g43990;MRH10.10

## GENE INFORMATION

<b>Gene Name</b>	SUVR2
<b>Entrez Gene ID</b>	<a href="#">834422</a>
<b>UniProt ID</b>	<a href="#">Q9FNC7</a>