



# Rabbit anti-Arabidopsis thaliana ATXR5 (Middle region) Polyclonal Antibody (CABT- Z025R)

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 ATXR5.
<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>	43 kDa
<b>Preparation</b>	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana ATXR5 (AT5G09790).
<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>	<p>ATXR5 is a histone methyltransferase that specifically monomethylates 'Lys-37' of histone H3 (H3K27me1). ATXR5 has much higher activity on nucleosomes containing H3.1 than H3.3. ATXR5 is involved in the formation of constitutive heterochromatin and the silencing of heterochromatic elements. ATXR5 influences which sets of rRNA gene variants are expressed or silenced.</p>
<b>Keywords</b>	Histone-lysine N-methyltransferase ATXR5;Protein SET DOMAIN GROUP 15;Trithorax-related protein 5;TRX-related protein 5;SDG15;SET15;At5g09790;17114.20;MTH16.26

## GENE INFORMATION

<b>Gene Name</b>	ATXR5
<b>Entrez Gene ID</b>	<a href="#">830839</a>
<b>UniProt ID</b>	<a href="#">Q8VZJ1</a>