



Rabbit anti-Arabidopsis thaliana ATXR5 (N-term) Polyclonal Antibody (CABT-Z026R)

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 ATXR5.
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	Predicted M.W.: 43 kDa; Observed M.W.: 30 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana ATXR5 (AT5G09790).
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	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.
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Keywords	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
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GENE INFORMATION

Gene Name	ATXR5
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Entrez Gene ID	830839
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UniProt ID	Q8VZJ1
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