



Rabbit anti-Arabidopsis thaliana HDA6 (C-term) Polyclonal Antibody (CABT-Z083R)

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 HDA6.
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	53 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana HDA6 (AT5G63110).
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	HDA6 is responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). HDA6 might remove acetyl residues only from specific targets, such as rDNA repeats or complex transgenes. Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes. HDA6 is required for rRNA gene silencing in nucleolar dominance. HDA6 plays a role in transgene silencing, but this effect seems to be independent of the histone deacetylase activity.
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Keywords	Histone deacetylase 6;RPD3B;At5g63110;MDC12.7
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GENE INFORMATION

Gene Name	HDA6
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Entrez Gene ID	836431
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UniProt ID	Q9FML2
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