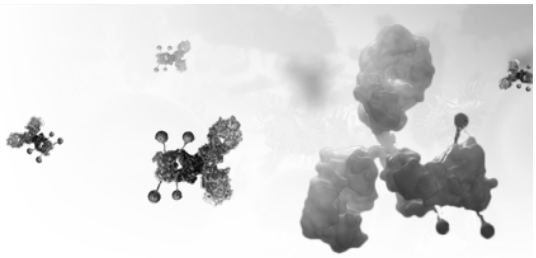

Rabbit anti-Arabidopsis thaliana AGO1 (C-term) Polyclonal Antibody (CABT-Z013R)

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 AGO1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Arabidopsis thaliana
Purification	Antigen affinity purification
Conjugate	Unconjugated
Applications	WB Recommended dilution: WB: 1:1,000-1:3,000 (detect endogenous protein*)
Molecular Weight	Predicted M.W.: 116 kDa; Observed M.W.: 130 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of arabidopsis thaliana AGO1 (At1g48410).
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% NaN3.
Preservative	0.01% NaN3

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Storage	Store at -20°C. Stable for 6 months from date of receipt.
Ship	Wet ice

BACKGROUND

Introduction	Protein argonaute 1 (AGO1) is an RNA Slicer that selectively recruits microRNAs and siRNAs. There is currently no evidence that AGO1 Slicer is in a high molecular weight RNA-induced silencing complex (RISC). Mutants are defective in post-transcriptional gene silencing and have pleiotropic developmental and morphological defects. Through its action on the regulation of ARF17 expression, AGO1 regulates genes involved at the cross talk between auxin and light signaling during adventitious root development. AGO1 seems to be targeted for degradation by silencing suppressor F-box-containing proteins from Turnip yellow virus and Cucurbit aphid-borne yellow virus.
Keywords	Protein argonaute 1;ATAGO1;ICU9;ARGONAUTE 1

GENE INFORMATION

Gene Name	AGO1
Entrez Gene ID	841262
UniProt ID	O04379

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