



Rabbit anti-Arabidopsis thaliana YUCCA (N-term) Polyclonal Antibody (CABT-Z162R)

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 YUCCA.
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.: 46 kDa; Observed M.W.: 42 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana YUCCA (AT4G32540).
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	YUCCA is involved in auxin biosynthesis, but not in the tryptamine or the CYP79B2/B3 branches. YUCCA catalyzes in vitro the N-oxidation of tryptamine to form N-hydroxyl tryptamine. YUCCA is involved during embryogenesis and seedling development. YUCCA is required for the formation of floral organs and vascular tissues. YUCCA belongs to the set of redundant YUCCA genes probably responsible for auxin biosynthesis in shoots.
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Keywords	Probable indole-3-pyruvate monooxygenase YUCCA1;Flavin-containing monooxygenase YUCCA1;YUC1;YUC;YUCCA1;At4g32540;L23H3.20
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GENE INFORMATION

Gene Name	YUC1
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Entrez Gene ID	829389
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UniProt ID	Q9SZY8
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