



Rabbit anti-Arabidopsis thaliana XCT (Middle region) Polyclonal Antibody (CABT-Z160R)

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 middle region of arabidopsis thaliana XCT.
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	39 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of arabidopsis thaliana XCT (At2g21150).
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	Protein XAP5 CIRCADIAN TIMEKEEPER (XCT) is involved in light regulation of the circadian clock and photomorphogenesis. XCT may play a global role in coordinating growth in response to the light environment and acts as a light quality sensor directing both negative and positive transcriptional regulation. XCT inhibits growth in red light but promote growth in blue light. XCT inhibits clock gene expression in diurnal cycles, while it plays no role in the control of flowering time.
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Keywords	Protein XAP5 CIRCADIAN TIMEKEEPER;At2g21150;F26H11.9
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GENE INFORMATION

Gene Name	XCT
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Entrez Gene ID	816650
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UniProt ID	Q8H110
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