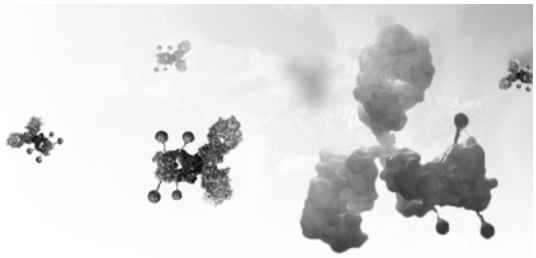

Rabbit anti-Arabidopsis thaliana TOR (C-term) Polyclonal Antibody (CABT-Z154R)

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 TOR.
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	279 kDa
Preparation	Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of arabidopsis thaliana TOR (At1g50030).
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	Serine/threonine-protein kinase TOR belongs to the PI3/PI4-kinase family. TOR is an essential cell growth regulator that controls development from early embryo to seed production, and it also controls plant growth in environmental stress conditions. TOR acts through the phosphorylation of downstream effectors that are recruited by the binding partner RAPTOR. TOR acts by activating transcription, protein synthesis and ribosome biogenesis, as well as inhibiting mRNA degradation and autophagy.
Keywords	Serine/threonine-protein kinase TOR;Protein TARGET OF RAPAMYCIN;AtTOR

GENE INFORMATION

Gene Name	TOR
Entrez Gene ID	841427
UniProt ID	Q9FR53

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