



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

TOR (N) Antibody, Rabbit Polyclonal

Cat#: R2854-1

Quantity: 100 ul

Predicted | Observed M.W.: 279 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q9FR53

Background:

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.

Other Names:

Serine/threonine-protein kinase TOR, Protein TARGET OF RAPAMYCIN, AtTOR

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of *arabidopsis thaliana* TOR (At1g50030). Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Arabidopsis thaliana

Tested Applications:

WB: 1:500-1:2,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

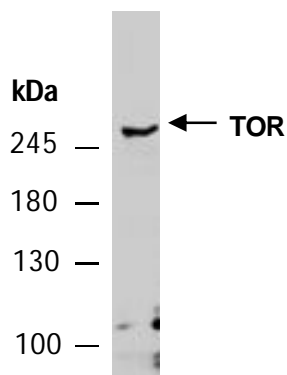


Fig 1. Western blot of protein extracts from WT arabidopsis; using anti-TOR (N) (R2854-1) at RT for 2 h.