NRT2,1 | Nitrate transporter 2,1

Cat *PA01249*

Size *50 µg*

CD BioSciences
Plant Protein

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana

Immunogen
KLH-conjugated synthetic peptide derived from Arabidopsis thaliana NRT2.1 C-terminal sequence, UniProt: O82811, TAIR:AT1G08090

Host
Rabbit

Clonality
Polyclonal

Purity
Immunogen affinity purified serum in PBS pH 7.4.

Format
Lyophilized

Reconstitution
For reconstitution add 50 µl of sterile water

Storage
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application
Western blot (WB)

Recommended dilution
1 : 5000 (WB)

Expected | apparent MW
57,7 | 45 kDa

Confirmed reactivity
Arabidopsis thaliana

Predicted reactivity
Brassica juncea, Brassica napus, Brassuca rapa, Ricinus communis

Not reactive in
Alexandrium pacificum, Solanum tuberosum

Additional information

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/

NRT2,1 | Nitrate transporter 2,1

Cat *PA01249*

Size *50 μg*

CD BioSciences
Plant Protein

Microsomal fraction is recommended to be used as it will have higher amount of NRT2,1 protein, If a total protein extract is used SDS should be applied from the beginning in extraction buffer as well as protease inhibitor coctail

Description

NRT2.1 is a nitrate transporter with high affinity and can be upregulated by nitrate. Acts as an inhibitor of lateral root formation independent of nitrate absorption. Synonyms: Protein ACH1, lateral root initiation 1,ACH1, ATNRT2.1, ATNRT2:1, LIN1, nitrate transporter 2, nitrate transporter 2.1, nitrate transporter 2:1,NRT2, NRT2.1, nrT2:1,NRT2, 1AT

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
Tel: 1-631-637-0420
E-mail: info@cd-biosci.com
https://www.cd-biosciences.com/plant-protein/