NBR1 | Autophagy substrate NBR1 (affinity purified)

CD BioSciences
Plant Protein

Cat *PA00542*

Size *50 μg*

Host
Rabbit

Clonality
Polyclonal

Confirmed reactivity
Arabidopsis thaliana

Immunogen
UNA2 domain of NBR1 of Arabidopsis thaliana, fused with GST, UniProt:Q9SB64, TAIR:AT4G24690

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 : 500-1 : 5000 (WB)

Expected | apparent MW
75 | 100 kDa

Confirmed reactivity
Arabidopsis thaliana

Predicted reactivity
Brassicaceae family, Solanum lycopersicum

Not reactive in
Nicotiana tabacum

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Address: SUITE 209, 17 Ramsey Road, Shirley, NY 11967
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Additional information

A specific extraction method and tissue type needs to be used as described in Minina et al, (2013), Dilution in western blot depends upon amount of NBR1 in the sample

Description

NBR1 (Autophagy substrate NBR1) is involved in selective autophagy of damaged organelles, intracellular microorganisms, protein aggregates, cell structures, and specific soluble proteins. NBR1 mediates this process as an autophagy adapter. The protein has two UBA domains, but only the C-terminal UBA domain binds to ubiquitin. Alias :At4g24690, presumably uncharacterized protein F22K18.110.

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