

NBR1 | Autophagy substrate NBR1

Cat PA01486

Size 50 µl



Host

Rabbit

Clonality

Polyclonal

Confirmed reactivity

Arabidopsis thaliana, Physcomitrium patens

Immunogen

UBA2 domain of NBR1 of Arabidopsis thaliana, fused with GST, UniProt:Q9SB64, TAIR:AT4G24690

Host

Rabbit

Clonality

Polyclonal

Purity

Serum

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

Immunolocalization (IL), Western blot (WB)

Recommended dilution

1: 1000 (IL), 1 : 500-1 : 5000 (WB)

Expected | apparent MW

75 | 100 kDa

Confirmed reactivity

Arabidopsis thaliana, Physcomitrium patens

Predicted reactivity

Brassicaceae family

Not reactive in

Nicotiana tabacum

Description

NBR1 (Autophagy substrate NBR1) is involved in selective autophagy of damaged organelles, intracellular

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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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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