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Product no AS14 2805A

Anti-NBR1 | Autophagy substrate NBR1 (affinity purified)

Product information

Immunogen	UBA2 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
Quantity	50 µg
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 information

Recommended dilution	1 : 500-1 : 5000 (WB)
Expected | apparent MW	75 | 100 kDa
Confirmed reactivity	*Arabidopsis thaliana*
Predicted reactivity	*Brassicaceae* family, *Solanum lycopersicum* Species of your interest not listed? Contact us
Not reactive in	*Citrus sinensis, Nicotiana tabacum*
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
Selected references	Li et al. (2024). Stress granules sequester autophagy proteins to facilitate plant recovery from heat stress. Nat Commun . 2024 Dec 30;15(1):10910. doi: 10.1038/s41467-024-55292-w.