

Product no **AS14 2805A****Anti-NBR1 | Autophagy substrate NBR1 (affinity purified)**

## Product information

<b>Immunogen</b>	UNA2 domain of NBR1 of <i>Arabidopsis thaliana</i> , fused with GST, UniProt: <a href="#">Q9SB64</a> , TAIR: <a href="#">AT4G24690</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Immunogen affinity purified serum in PBS pH 7.4.
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µg
<b>Reconstitution</b>	For reconstitution add 50 µl of sterile water
<b>Storage</b>	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

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