

Product no **AS16 3204****Anti-SOBIR1 | Suppressor of BIR1 (rabbit antibody)****Product information**

Immunogen	KLH-conjugated peptide, chosen from <i>Arabidopsis thaliana</i> SOBIR1 sequence, UniProt: Q9SKB2 , TAIR: At2g31880
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: 1000 (WB)
Expected apparent MW	71 kDa
Confirmed reactivity	<i>Arabidopsis thaliana</i> , <i>Nicotiana benthamiana</i>
Predicted reactivity	<i>Glycine max</i> , <i>Solanum lycopersicum</i> Species of your interest not listed? Contact us
Additional information	The antibody is recognizing recombinant AtSOBIR1 in fusion with GFP
Selected references	Chen et al. (2025). Reciprocal phosphorylation between SOAK1 and SOBIR1 fine-tunes receptor-like protein (RLP)-mediated plant immunity. <i>Sci Adv.</i> 2025 Apr 18;11(16):eadt2315. doi: 0.1126/sciadv.adt2315. Salguero-Linares et al. (2025). Lack of AtMC1 catalytic activity triggers autoimmunity dependent on NLR stability. <i>EMBO Rep.</i> 2025 May;26(9):2378-2412. doi: 10.1038/s44319-025-00426-4. Bao (2023) A pair of G-type lectin receptor-like kinases modulates nlp20-mediated immune responses by coupling to the RLP23 receptor complex [published online ahead of print, 2023 Jan 12]. <i>J Integr Plant Biol.</i> 2023;10.1111/jipb.13449. doi:10.1111/jipb.13449 Ngou et al. (2021) Mutual potentiation of plant immunity by cell-surface and intracellular receptors. <i>Nature.</i> 2021 Mar 10. doi: 10.1038/s41586-021-03315-7. Epub ahead of print. PMID: 33692545.