

Product no **AS16 3119****EPSP synthase | 3-phosphoshikimate 1-carboxyvinyltransferase (chloroplastic)****Product information**

Immunogen	KLH-conjugated peptide, derived from <i>Amaranthus palmeri</i> EPSP synthase, UniProt: M1K439
Host	Rabbit
Clonality	Polyclonal
Purity	Serum
Format	Lyophilized
Quantity	50 µl
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 : 2000-1 : 5000 (WB)
Expected apparent MW	55 kDa
Confirmed reactivity	<i>Amaranthus palmeri</i>
Predicted reactivity	<i>Asimina triloba</i> , <i>Erigeron annuus</i> , <i>Chlamydomonas reinhardtii</i> , <i>Genlisea aurea</i> , <i>Gossypium raimondii</i> , <i>Lolium rigidum</i> , <i>Musa acuminata</i> , <i>Nannochloropsis gaditana</i> , <i>Nicotiana tabacum</i> , <i>Nicotiana sylvestris</i> , <i>Oryza sativa subsp. indica</i> , <i>Plantago lanceolata</i> , <i>Sorghum halepense</i> , <i>Zea mays</i> , <i>Vitis vinifera</i> Species of your interest not listed? Contact us
Selected references	Fernández-Escalada et al. (2016). Characterization of the <i>Amaranthus palmeri</i> Physiological Response to Glyphosate in Susceptible and Resistant Populations. J Agric Food Chem. 64 (1): 95-106. doi: 10.1021/acs.jafc.5b04916.