

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

<b>Immunogen</b>	KLH-conjugated peptide, derived from <i>Amaranthus palmeri</i> EPSP synthase, UniProt: <a href="#">M1K439</a>
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Serum
<b>Format</b>	Lyophilized
<b>Quantity</b>	50 µl
<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 : 2000-1 : 5000 (WB)
<b>Expected   apparent MW</b>	55 kDa
<b>Confirmed reactivity</b>	<i>Amaranthus palmeri</i>
<b>Predicted reactivity</b>	<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? <a href="#">Contact us</a>
<b>Selected references</b>	<a href="#">Fernández-Escalada</a> et al. (2016). Characterization of the <i>Amaranthus palmeri</i> Physiological Response to Glyphosate in Susceptible and Resistant Populations. <i>J Agric Food Chem.</i> 64 (1): 95-106. doi: 10.1021/acs.jafc.5b04916.